Exam Questions PL-300

Microsoft Power BI Data Analyst

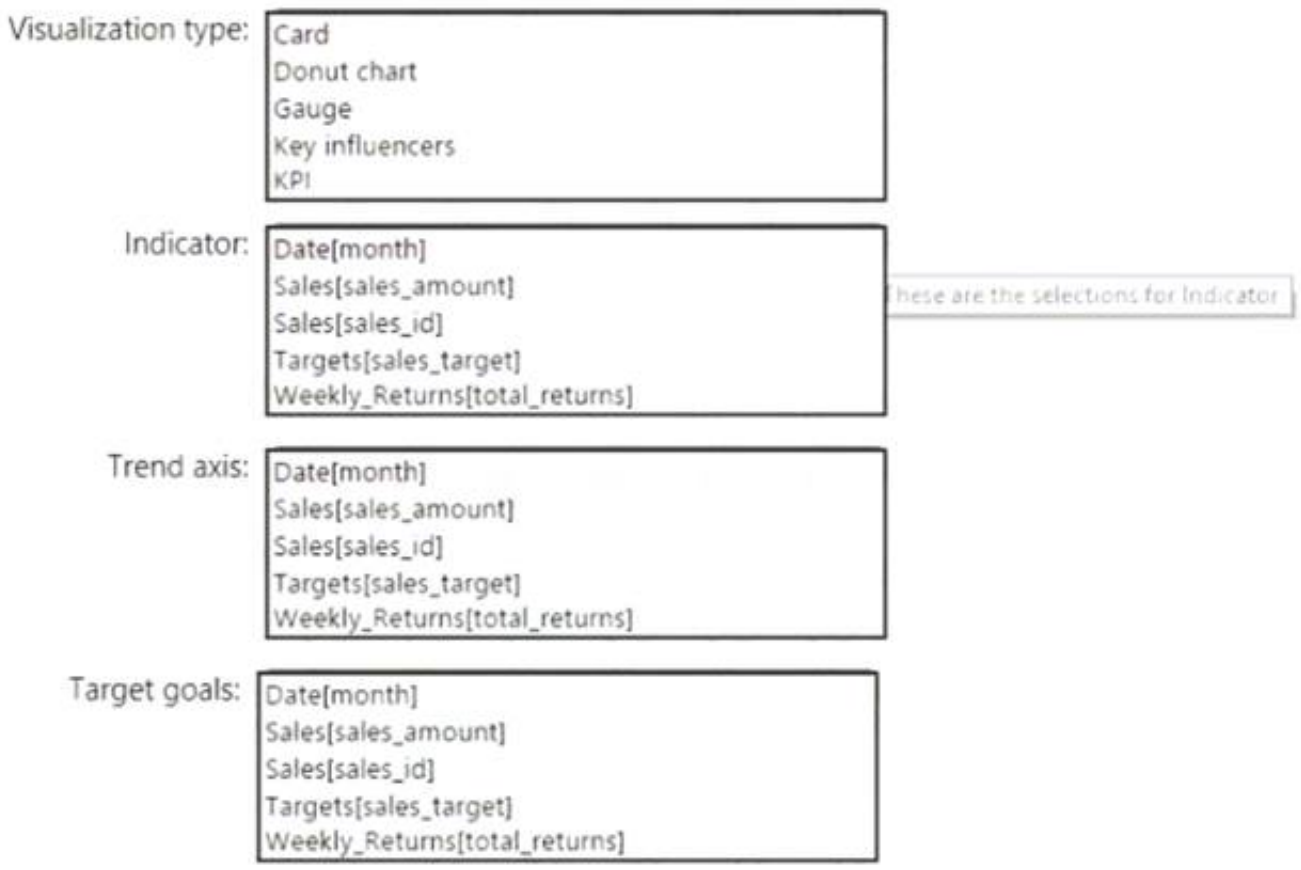
https://www.2passeasy.com/dumps/PL-300/

NEW QUESTION 1
- (Exam Topic 1)
You need to create a calculated column to display the month based on the reporting requirements. Which DAX expression should you use?

A. FORMAT('Date'[date], "MMM YYYY")
B. FORMAT('Date' [date], "M YY")
C. FORMAT('Date'[date_id], "MMM") & "" & FORMAT('Date'[year], "#")
D. FORMAT('Date' [date_id], "MMM YYYY")

Answer: A

NEW QUESTION 2
- (Exam Topic 1)
You need to create a visualization to meet the reporting requirements of the sales managers.
How should you create the visualization? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Scenario: The sales managers require a visual to analyze sales performance versus sales targets.
Box 1: KPI
A Key Performance Indicator (KPI) is a visual cue that communicates the amount of progress made toward a measurable goal.
Box 2: Sales[sales_amount]
Box 3: Date[month]
Time > FiscalMonth. This value will represent the trend. Box 4: Targets[sales_target]
Reference:
https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-kpi

NEW QUESTION 3
- (Exam Topic 1)
You publish the dataset to powerbi.com.
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

A. Mastered

B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, email Description automatically generated

NEW QUESTION 4
- (Exam Topic 1)
You need to provide a solution to provide the sales managers with the required access. What should you include in the solution?

A. Create a security role that has a table filter on the Sales_Manager table where username = UserName()
B. Create a security role that has a table filter on the Region_Manager table wheresales_manager_id = UserPrincipalName().
C. Create a security role that has a table filter on the Sales_Manager table where name = UserName().
D. Create a security role that has a table filter on the Sales_Manager table where username = sales_manager_id.

Answer: A

Explanation:
https://powerbi.microsoft.com/en-us/blog/using-username-in-dax-with-row-level-security/

NEW QUESTION 5
- (Exam Topic 1)
You need to address the data concerns before creating the data model. What should you do in Power Query Editor?

A. Select Column distribution.
B. Select the sales_amount column and apply a number filter.
C. Select Column profile, and then select the sales_amount column.
D. Transform the sales_amount column to replace negative values with 0.

Answer: C

NEW QUESTION 6
- (Exam Topic 2)
Which two types of visualizations can be used in the balance sheet reports to meet the reporting goals? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

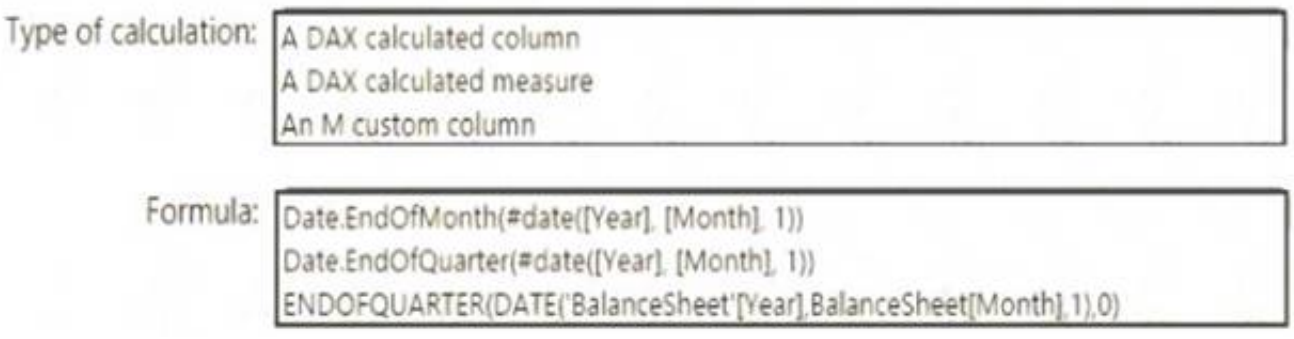
A. a line chart that shows balances by quarter filtered to account categories that are long-term liabilities.
B. a clustered column chart that shows balances by date (x-axis) and account category (legend) without filters.
C. a clustered column chart that shows balances by quarter filtered to account categories that are long-term liabilities.
D. a pie chart that shows balances by account category without filters.
E. a ribbon chart that shows balances by quarter and accounts in the legend.

Answer: AE

Explanation:
https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a

NEW QUESTION 7
- (Exam Topic 2)
You need to calculate the last day of the month in the balance sheet data to ensure that you can relate the balance sheet data to the Date table. Which type of calculation and which formula should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

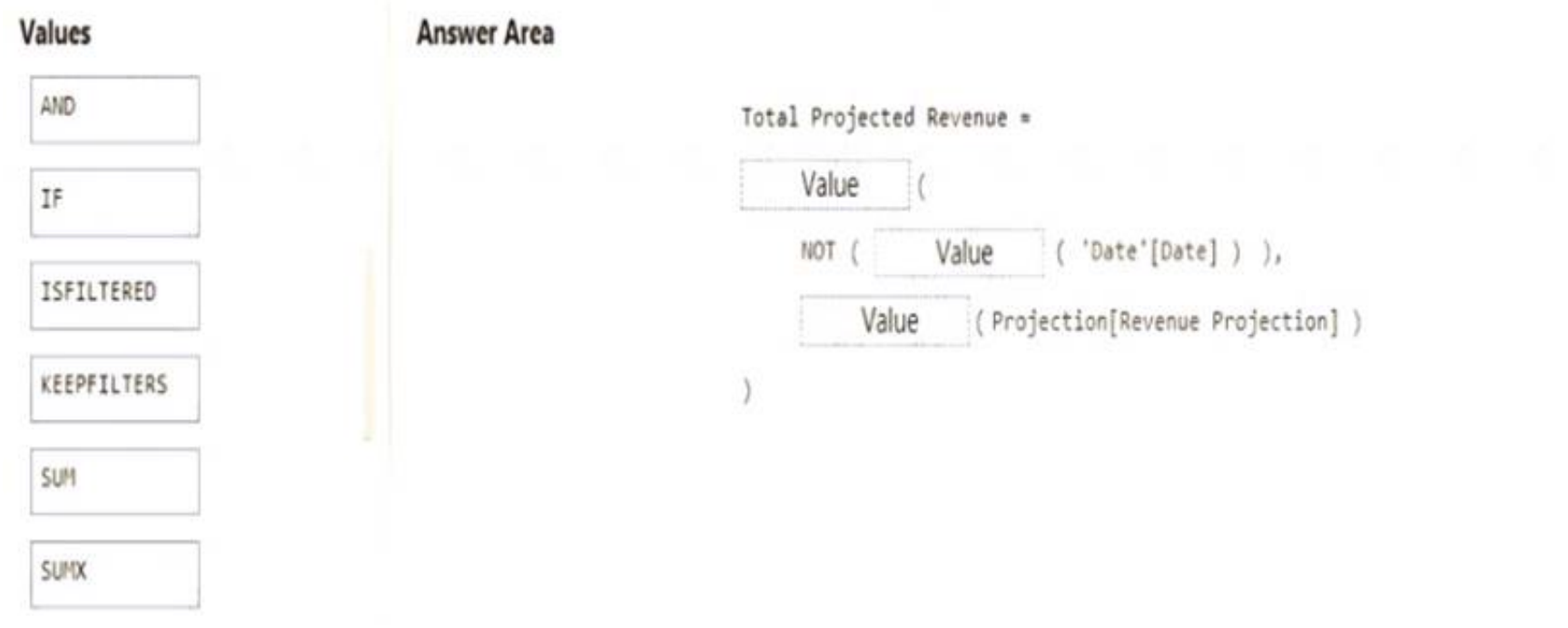


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: A DAX Calculated measure
Box 2: Date.EndofQuarter(#date([Year],[Mont],1))
ENDOFQUARTER returns the last date of the quarter in the current context for the specified column of dates. The following sample formula creates a measure that returns the end of the quarter, for the current context.
= ENDOFQUARTER(DateTime[DateKey]) Reference:
https://docs.microsoft.com/en-us/dax/endofquarter-function-dax

NEW QUESTION 8
- (Exam Topic 2)
You need to create a DAX measure in the data model that only allows users to see projections at the appropriate levels of granularity.
How should you complete the measure? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

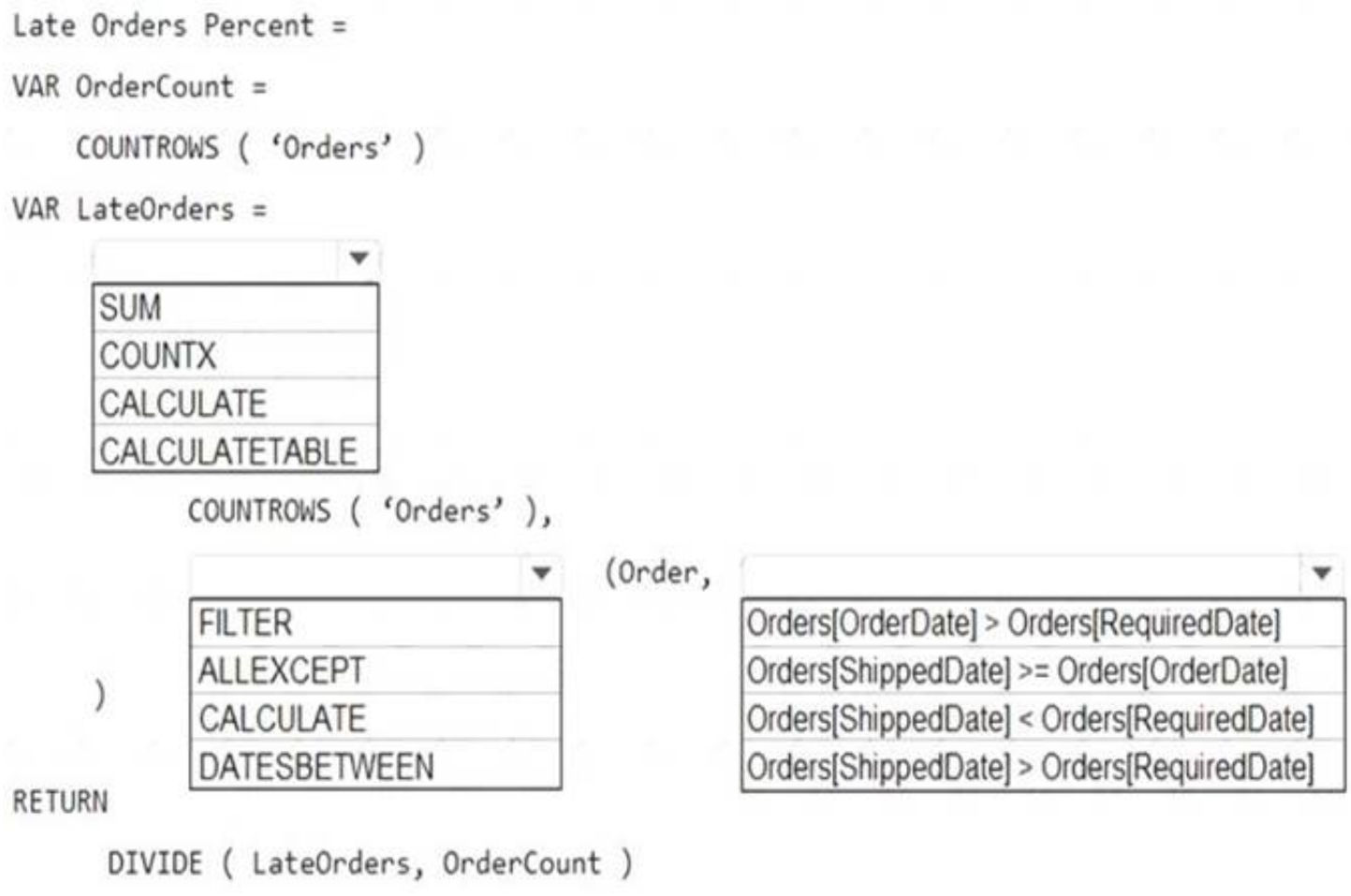


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Scenario: Revenue projections are set at the monthly level and summed to show projections for the quarter. Box 1: IF
Box 2: ISFILTERED
ISFILTERED returns TRUE when columnName is being filtered directly. If there is no filter on the column or if the filtering happens because a different column in the same table or in a related table is being filtered then the function returns FALSE.
Box 3: SUM
Reference:
https://docs.microsoft.com/en-us/dax/isfiltered-function-dax

NEW QUESTION 9
- (Exam Topic 3)
You need to create a measure that will return the percentage of late orders.
How should you complete the DAX expression? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

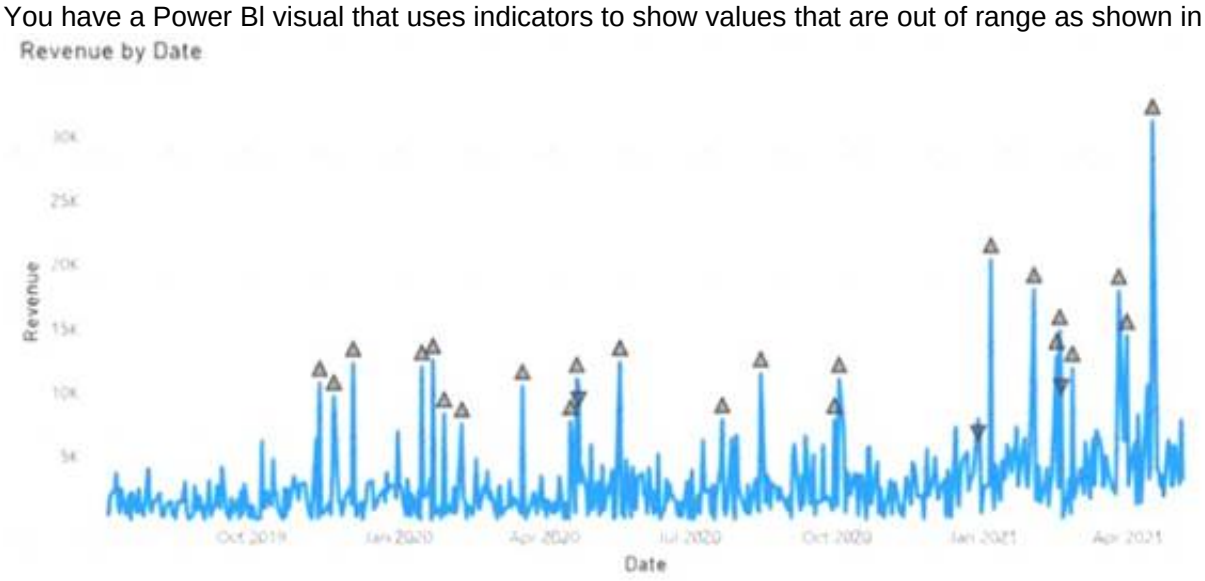
Graphical user interface, application Description automatically generated
Box 1: CALCULATE
CALCULATE evaluates an expression in a modified filter context. Syntax: CALCULATE(<expression>[, <filter1> [, <filter2> [, …]]]) Expression - The expression to be evaluated.
filter1, filter2,… (Optional) Boolean expressions or table expressions that defines filters, or filter modifier functions.
Box 2: FILTER
FILTER returns a table that represents a subset of another table or expression. Syntax: FILTER(<table>,<filter>)
Table- The table to be filtered. The table can also be an expression that results in a table.
Filter - A Boolean expression that is to be evaluated for each row of the table. For example, [Amount] > 0 or [Region] = "France"
Box 3: Orders[ShippedDate]> Orders[RequiredDate]
Northwind Traders defines late orders as those shipped after the required shipping date. Reference:
https://docs.microsoft.com/en-us/dax/calculate-function-dax https://docs.microsoft.com/en-us/dax/filter-function-dax

NEW QUESTION 10
- (Exam Topic 3)
You need to minimize me size of the dataset. The solution must meet the report requirements What should you do?

A. Change lite OrderlD column in the Orders table to the text data type.
B. Filter out discontinued products while importing the Product table.
C. Remove the QuantityPerUnit column from the Products table
D. Group the Categories table by the CategorylD column.

Answer: D

NEW QUESTION 10
- (Exam Topic 4)
You have a Power Bl visual that uses indicators to show values that are out of range as shown in the following exhibit.

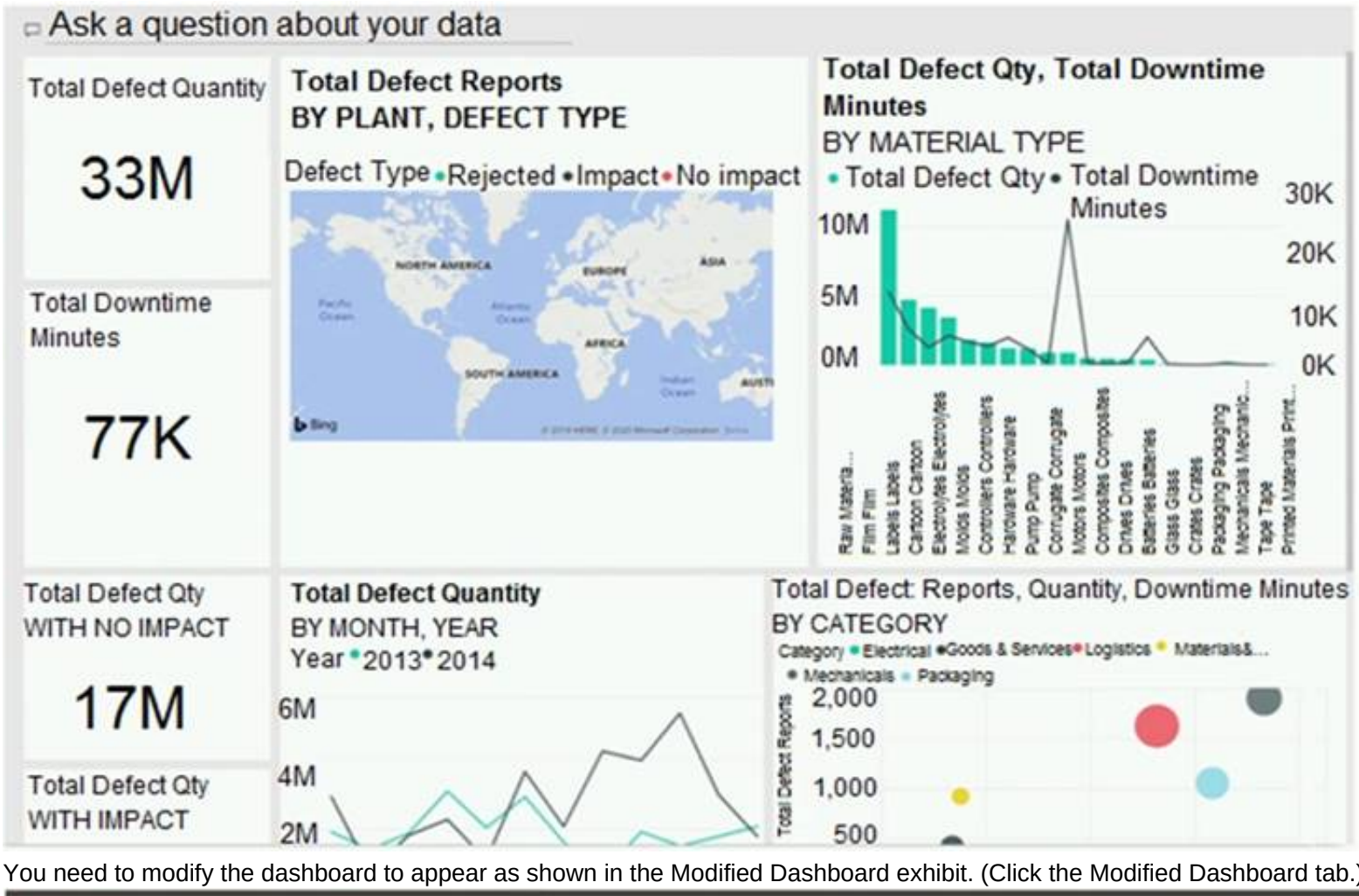


A. Mastered
B. Not Mastered

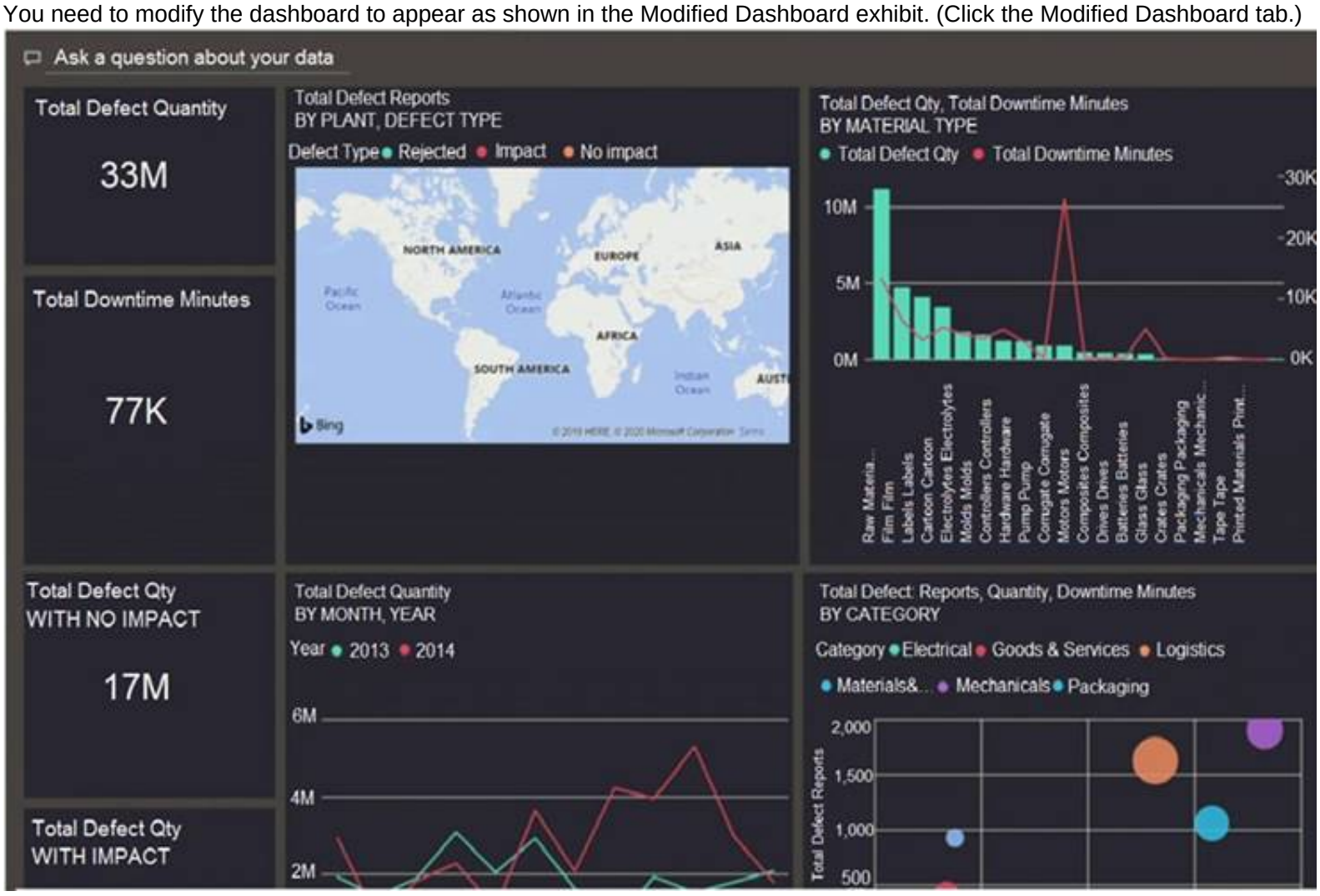
Answer: A

Explanation:
Answer as selected
Answer Area

NEW QUESTION 13
- (Exam Topic 4)
You have a dashboard that contains tiles pinned from a single report as shown in the Original Dashboard exhibit. (Click the Original Dashboard tab.)



You need to modify the dashboard to appear as shown in the Modified Dashboard exhibit. (Click the Modified Dashboard tab.)



What should you do?

A. Edit the details of each tile.
B. Change the report theme.
C. Change the dashboard theme.
D. Create a custom CSS file.

Answer: C

Explanation:
https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-themes#how-dashboard-themes-wo

NEW QUESTION 18
- (Exam Topic 4)
You have multiple dashboards.
You need to ensure that when users browse the available dashboards from powerbi.com. they can see which dashboards contain Personally Identifiable Information (PII). The solution must minimize configuration effort and impact on the dashboard design.
What should you use?

A. Active Directory groups
B. tiles
C. data classifications
D. comments

Answer: A

NEW QUESTION 19
- (Exam Topic 4)
You build a Power Bl report that displays 10T temperature data streaming from a refrigerator. You publish the report to the Bl service.
You need to be notified when the temperature rises above four degrees Celsius. What should you do?

A. Pin a report page to a dashboard and set an alert on the page.
B. Set an alert on a KPI visual in the report.
C. Pin a card visual to a dashboard and set an alert on the tile.
D. Pin a card visual to a dashboard and create a subscription.

Answer: A

NEW QUESTION 23
- (Exam Topic 4)
You have a data model that contains many complex DAX expressions. The expressions contain frequent references to the RELATED and RELATEDTABLE functions.
You need to recommend a solution to minimize the use of the RELATED and RELATEDTABLE functions. What should you recommend?

A. Merge tables by using Power Query.
B. Hide unused columns in the model.
C. Split the model into multiple models.
D. Transpose.

Answer: A

Explanation:
Combining data means connecting to two or more data sources, shaping them as needed, then consolidating them into a useful query.
When you have one or more columns that you'd like to add to another query, you merge the queries. Note: The RELATEDTABLE function is a shortcut for CALCULATETABLE function with no logical
expression.
CALCULATETABLE evaluates a table expression in a modified filter context and returns A table of values. Reference:
https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data

NEW QUESTION 26
- (Exam Topic 4)
You have a power BI tenant that hosts the datasets shown in the following table.

Name	Contents	Used to generate
Sales	Sales targets Sales data Employee salary data	Daily performance reports Quarterly reports used to calculate bonuses
Operations	Environmental sensor data	Reports that show average sensor readings over time
Finance	Financial transaction data	Budget planning reports Monthly board reports

You have the following requirements:
• The export of reports that contain Personally Identifiable Information (Pll) must be prevented.
• Data used for financial decisions must be reviewed and approved before use.
For each of the following statements, select Yes if the statement is true. Otherwise select No. NOTE: Each correct selection is worth one point
Answer Area

Statements	Yes	No
The Sales dataset requires a sensitivity label.	○	○
The Operations dataset requires a sensitivity label and must be certified.	○	○
The Finance dataset requires a sensitivity label and must be certified.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The Sales dataset requires a sensitivity label.	○	○
The Operations dataset requires a sensitivity label and must be certified.	○	○
The Finance dataset requires a sensitivity label and must be certified.	○	○

NEW QUESTION 29
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.
During the development process, you need to import a sample of the data from the Order table.
Solution: You add a WHERE clause to the SQL statement. Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
The WHERE clause has its effects before the data is imported. Reference:
https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-sql-tutorial

NEW QUESTION 32
- (Exam Topic 4)
Your company has training videos that are published to Microsoft Stream. You need to surface the videos directly in a Microsoft Power BI dashboard. Which type of tile should you add?

A. video
B. custom streaming data
C. text box
D. web content

Answer: D

Explanation:
https://docs.microsoft.com/en-us/stream/portal-embed-video
https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget#add-web-content

NEW QUESTION 35
- (Exam Topic 4)
You have a Power BI report that contains one page. The page contains two line charts and one bar chart. You need to ensure that users can perform the following tasks for all three visuals:
- Switch the measures used in the visuals.
- Change the visualization type.
- Add a legend.

The solution must minimize development effort. What should you do?

A. Enable personalization for each Visual.
B. Create a bookmark for each acceptable combination of visualization type, measure, and legend in the bar chart
C. Edit the interactions between the three visuals.
D. Enable personalization for the report

Answer: C

NEW QUESTION 39
- (Exam Topic 4)
You receive revenue data that must be included in Microsoft Power Bl reports.
You perform an initial load of the data from a Microsoft Excel source as shown in the following exhibit.

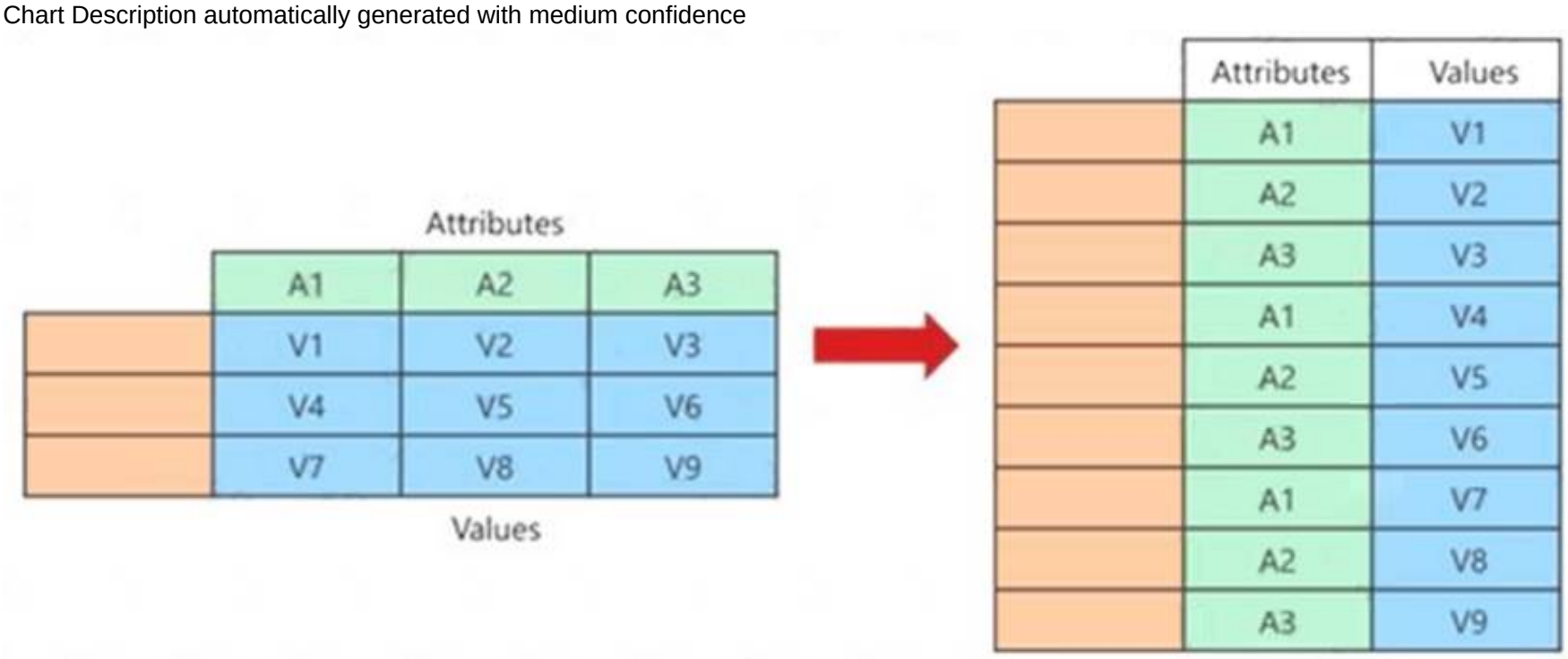
	Column1	Column2	Column3	Column4	Column5	Column6
	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%
1	Department	Product	2016	2017	2018	2019
2	Bikes	Carbon mountainbike	1002815	1086612	1007814	1007239
3	Bikes	Aluminium road bike	1007094	1093454	1005842	1007105
4	Bikes	Touring bike	1003676	1005171	1001669	1003244
5	Accessories	Bell	76713	10247	60590	25927
6	Accessories	Bottle holder	26690	29613	67955	71466
7	Accessories	Satnav	83189	40113	71684	24697
8	Accessories	Mobilephone holder	68641	80336	58099	45706

You plan to create several visuals from the data, including a visual that shows revenue split by year and product.
You need to transform the data to ensure that you can build the visuals. The solution must ensure that the columns are named appropriately for the data that they contain.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text Description automatically generated with medium confidence
Step 1: Select Use Header as First Row.
Step 2: Select Department and Product and Unpivot Other Columns
Unpivot Other Columns: This command unpivots unselected columns. Use this command in a query when not all columns are known. New columns added during a refresh operation are also unpivoted.
Step 3: Rename the Attribute column to Year and the Value column to Revenue.
You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column. This is necessary, for example, to create a chart or a report.
Chart Description automatically generated with medium confidence



When you unpivot, you unpack the attribute-value pairs that represent an intersection point of the new columns and re-orient them into flattened columns:
Values (in blue on the left) are unpivoted into a new column (in blue on the right).
Attributes (in green on the left) are unpivoted into a new column (in green on the right) and duplicates are correspondingly mapped to the new Values column.
Reference:
https://support.microsoft.com/en-us/office/unpivot-columns-power-query-0f7bad4b-9ea1-49c1-9d95-f588221c7

NEW QUESTION 40
- (Exam Topic 4)
Your company has employees in 10 states.

The company recently decided to associate each state to one of the following three regions: East, West, and North.
You have a data model that contains employee information by state. The model does NOT include region information.
You have a report that shows the employees by state.
You need to view the employees by region as quickly as possible. What should you do?

A. Create a new aggregation that summarizes by employee.
B. Create a new group on the state column and set the Group type to List.
C. Create a new group on the state column and set the Group type to Bin.
D. Create a new aggregation that summarizes by state.

Answer: B

Explanation:
https://www.mssqltips.com/sqlservertip/4720/binning-and-grouping-data-with-power-bi/

NEW QUESTION 45
- (Exam Topic 4)

Simon	101	100
Wenanta	102	100
Conrad	103	101
Priyish	104	103
Sunil	105	103
Pavel	106	102

Each employee has one manager as shown in the ParentEmployeeID column, All reporting paths lead to the CEO at the top of the organizational hierarchy.
You need to create a calculated column that returns the count of levels from each employee to the CEO. Which DAX expression should you use?

A.
```
PATHITEM(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]),1,INTEGER)
```

B.
```
PATHCONTAINS(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]),1)
```

C.
```
PATH(Employee[EmployeeID],Employee[ParentEmployeeID])
```

D.
```
PATHLENGTH(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]))
```

A. Option A
B. Option B
C. option C
D. Option D

Answer: B

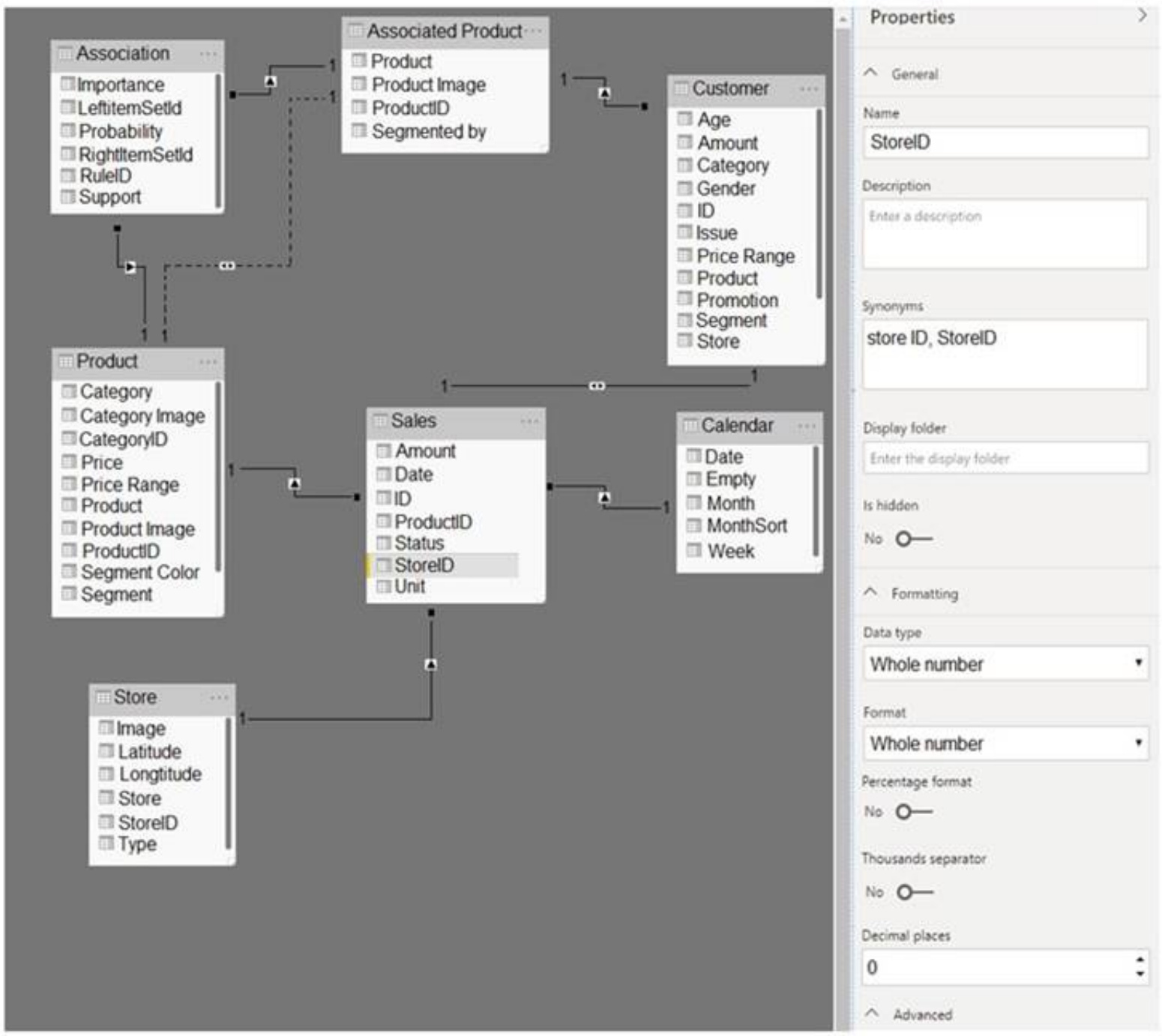
NEW QUESTION 50
- (Exam Topic 4)
In Power Query Editor, you have three queries named ProductCategory, ProductSubCategory, and Product. Every Product has a ProductSubCategory.
Not every ProductsubCategory has a parent ProductCategory.
You need to merge the three queries into a single query. The solution must ensure the best performance in Power Query.
How should you merge the tables? To answer, drag the appropriate merge types to the correct queries. Each merge type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:https://docs.microsoft.com/en-us/power-query/merge-queries-inner https://docs.microsoft.com/en-us/power-query/merge-queries-left-outer

NEW QUESTION 53
- (Exam Topic 4)
You have the Power BI data model shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

- distinct count of the StoreID values
- list of all the StoreID values
- list of the distinct StoreID values
- sum of the StoreID values

Adding a page filter of `Sales[StoreID] = 1` will filter the values displayed on the page from **[answer choice]**.

- all the tables related to the Sales table
- only the Sales table
- only the Store table
- the Sales table and the Customer table

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

- distinct count of the StoreID values
- list of all the StoreID values
- list of the distinct StoreID values
- sum of the StoreID values

Adding a page filter of `Sales[StoreID] = 1` will filter the values displayed on the page from **[answer choice]**.

- all the tables related to the Sales table
- only the Sales table
- only the Store table
- the Sales table and the Customer table

NEW QUESTION 55
- (Exam Topic 4)
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.
Start of repeated scenario
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)

dimGeography
[GeographyKey]
[City]
[StateProvinceCode]
[StateProvinceName]
[CountryRegionCode]
[EnglishCountryRegionName]
[PostalCode]
[SalesTerritoryKey]
[IpAddressLocator]

dimCustomer
[CustomerKey]
[GeographyKey]
[DisplayName]
[MaritalStatus]
[Gender]
[YearlyIncome]

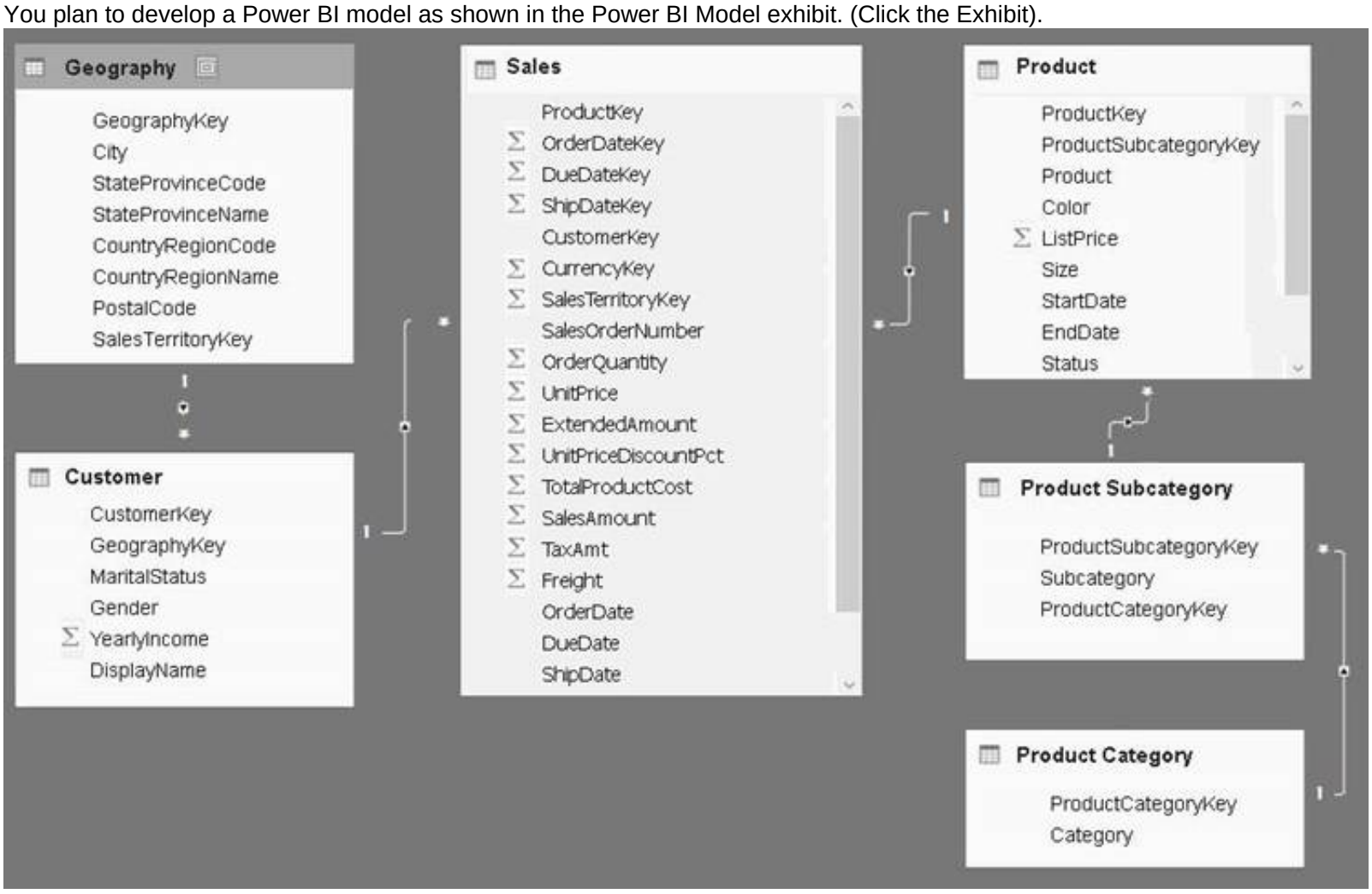
Sales
[ProductKey]
[OrderDateKey]
[DueDateKey]
[ShipDateKey]
[CustomerKey]
[PromotionKey]
[CurrencyKey]
[SalesTerritoryKey]
[SalesOrderNumber]
[SalesOrderLineNumber]
[OrderQuantity]
[UnitPrice]
[ExtendedAmount]
[UnitPriceDiscountPct]
[DiscountAmount]
ProductStandardCost]
[TotalProductCost]
[SalesAmount]
[TaxAmt]
[Freight]
[OrderDate]
[DueDate]
[ShipDate]

dimProduct
[ProductKey]
[ProductSubcategoryKey]
[EnglishProductName]
[Color]
[ListPrice]
[Size]
[StartDate]
[EndDate]
[Status]

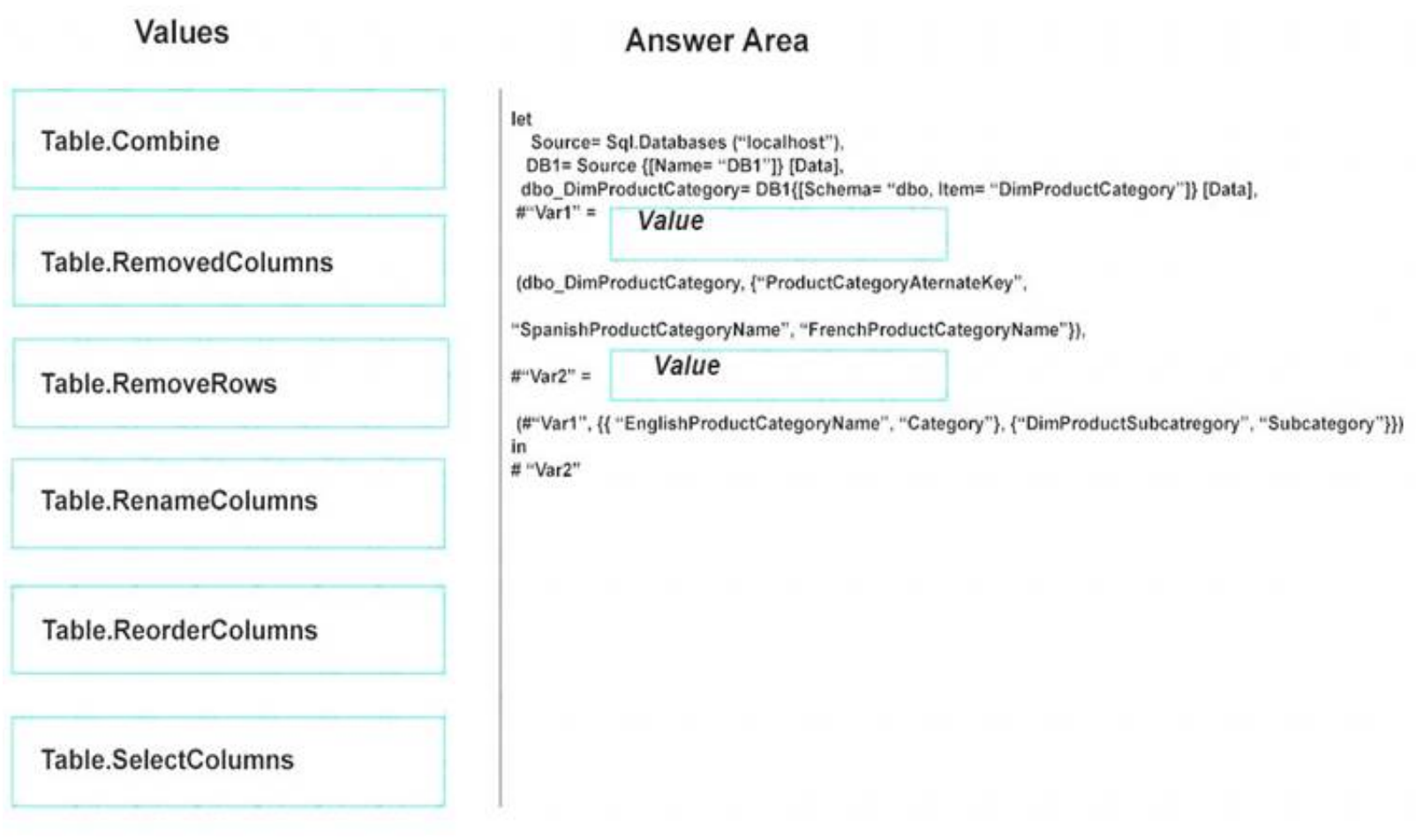
dimProductSubcategory
[ProductSubcategoryKey]
[ProductSubcategoryAlternateKey]
[EnglishProductSubcategoryName]
[SpanishProductSubcategoryName]
[FrenchProductSubcategoryName]
[ProductCategoryKey]

dimProductCategory
[ProductCategoryKey]
[ProductCategoryAlternateKey]
[EnglishProductCategoryName]
[SpanishProductCategoryName]
[FrenchProductCategoryName]

You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit).



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario.
You implement the Power BI model.
You need to edit the Product Category table query to match the desired Power BI model.
How should you complete the advanced query? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all.
You may need to frag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, application Description automatically generated
References:
https://msdn.microsoft.com/en-us/library/mt260776.aspx https://msdn.microsoft.com/en-us/library/mt260808.aspx

NEW QUESTION 59
- (Exam Topic 4)
You have a Microsoft Power Bl dashboard.
You need to ensure that consumers of the dashboard can give you feedback that will be visible to the other consumers of the dashboard.
What should you use?

A. Feedback
B. Subscribe
C. Comments
D. Mark as favorite

Answer: C

Explanation:
https://docs.microsoft.com/en-us/power-bi/consumer/end-user-comment

NEW QUESTION 60
- (Exam Topic 4)
You import a large dataset to Power Query Editor.
You need to identify whether a column contains only unique values.
Which two Data Preview options can you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point

A. Show whitespace
B. Column distribution
C. Column profile
D. Column quality
E. Monospaced

Answer: AD

NEW QUESTION 65
- (Exam Topic 4)
Your company plans to completely separate development and production assets such as datasets, reports, and dashboards in Microsoft Power BI.
You need to recommend an application lifecycle strategy. The solution must minimize access to production assets and prevent end users from viewing the development assets.
What should you recommend?

A. Create production reports in a separate workspace that uses a shared dataset from the development workspac
B. Grant the end users access to the production workspace.
C. Create one workspace for developmen
D. From the new workspace, publish an app for production.
E. Create a workspace for development and a workspace for productio
F. From the production workspace, publish an app.
G. In one workspace, create separate copies of the assets and append DEV to the names of the copied asset
H. Grant the end users access to the workspace.

Answer: C

Explanation:
Use different work stages (Development, Test, and Production). Deploy from the Development workspace.
Reference:
https://visualbi.com/blogs/microsoft/powerbi/application-lifecycle-management-power-bi/

NEW QUESTION 70
- (Exam Topic 4)
You plan to develop a Power BI report that has a bar chart to display the number of customers by location. You have a table named Customer that has the following columns:
• Customer ID
• CustomerName
• Address
• City
• ProvState
• Country
You need to allow users to drill down by location. The report will display the number of each customer by Country, and drill down to ProvState, and then to City.
How should you configure the drill down in the bar chart?

A. In the Value field, add Countr
B. In the Legend field, add ProvState at the top, followed by City.
C. In the Legend field, add Countr
D. In the Axis field, add ProvState at the top, followed by City.
E. In the Axis field, add Country at the top, followed by ProvState, and then City.
F. In the Value field, add Country at the top, followed by ProvState, and then City.

Answer: C

Explanation:
References:
https://docs.microsoft.com/en-us/power-bi/guided-learning/visualizations#step-18 https://docs.microsoft.com/en-us/power-bi/power-bi-visualization-drill-down

NEW QUESTION 75
- (Exam Topic 4)
You maintain a Power Bl workspace that contains a supplier quality dashboard. The dashboard contains 10 card visuals, two map visuals and five bar chart visuals.
The dashboard mobile layout is shown in the exhibit. (Click the Exhibit tab.)
You need to modify the dashboard mobile layout to meet the following requirements:
• Only show single-value visuals.
• Minimize scrolling. What should you do?

A. Remove the card visual, increase the size of the map and bar chart visuals
B. Decrease the size of the map and bar chart visuals Move all the card visuals to the top of the layout.
C. Move the bar chart visuals to the top of the layout Remove the map visual
D. Decrease the size of the card visuals.
E. Decrease the size of the card visual
F. Remove the map and bar chart visuals.

Answer: D

NEW QUESTION 79
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen,
You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.
You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.
Solution: In the Power Query M code, you replace references to the Excel file with DataSourceExcel. Does this meet the goal?

A. Yes
B. No

Answer: A

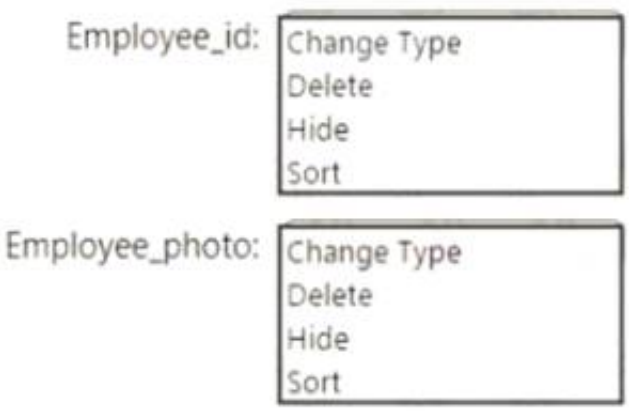
Explanation:
Instead modify the source step of the queries to use DataSourceExcel as the file path.
Note: Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.
Reference:
https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/

NEW QUESTION 82
- (Exam Topic 4)
You are creating an analytics report that will consume data from the tables shown in the following table.

Table name	Column name	Data type
Sales	sales_id	Integer
	sales_date	Datetime
	Customer_id	Integer
	sales_amount	Floating
	employee_id	Integer
	sales_ship_date	Datetime
	store_id	Varchar(100)
Employee	employee_id	Integer
	first_name	Varchar(100)
	last_name	Varchar(100)
	employee_photo	Binary

There is a relationship between the tables.
There are no reporting requirements on employeejd and employee_photo. You need to optimize the data model
What should you configure for employeejd and employee.photo? To answer, select the appropriate options in the answer area.

Answer Area



A. Mastered
B. Not Mastered

Answer: A

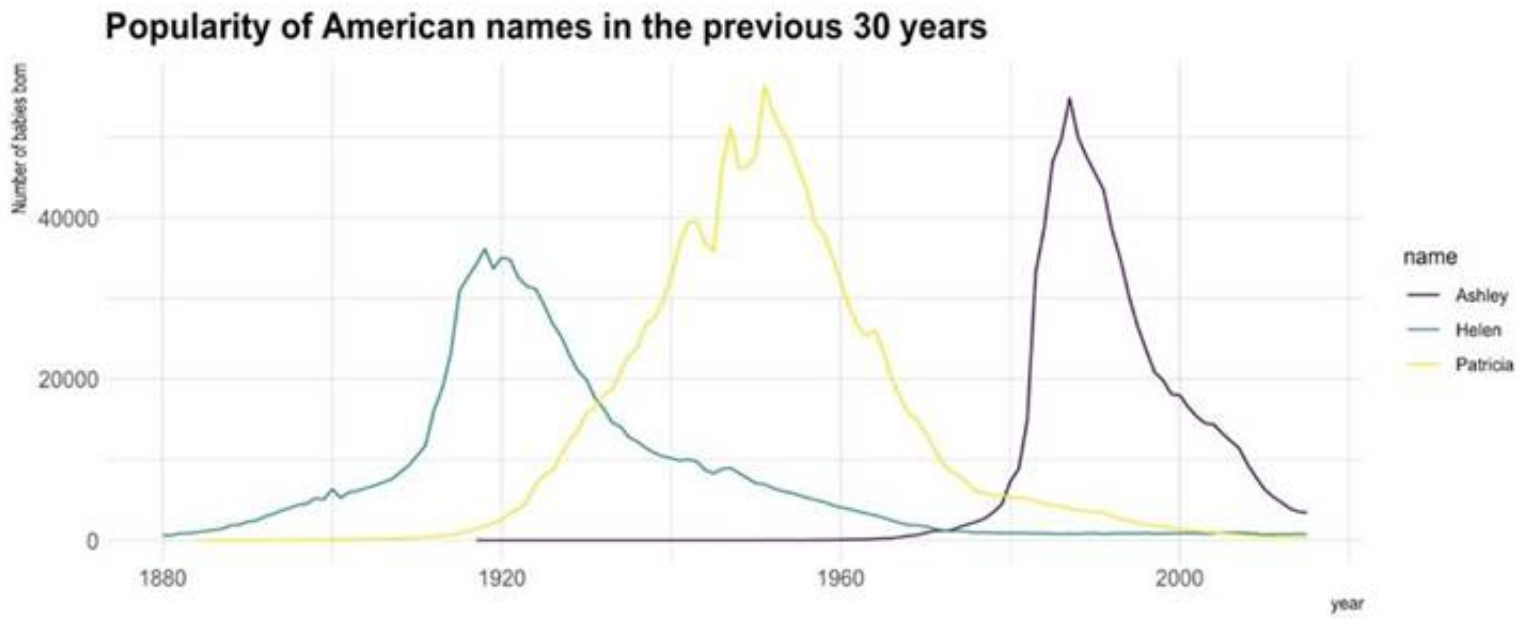
Explanation:
Table Description automatically generated
Box 1: Hide
Optimize data by hiding fields and sorting visualization data Box 2: Delete
The fastest way to optimize your Power BI report is to limit the number of columns to only the ones you need in your data model. Go through your tables in Power Query and determine what fields are being used. Delete these columns if they are not being used in any of your reports or calculations.
Reference:
https://tessellationtech.io/optimizing-power-bi-reports/

NEW QUESTION 87
- (Exam Topic 4)
You need to create a visualization that compares revenue and cost over time. Which type of visualization should you use?

A. stacked area chart
B. donut chart
C. line chart
D. waterfall chart

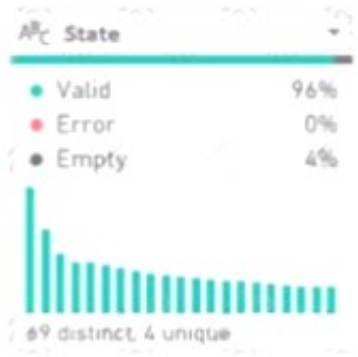
Answer: C

Explanation:
A line chart or line graph displays the evolution of one or several numeric variables. Data points are connected by straight line segments. A line chart is often used to visualize a trend in data over intervals of time – a time series – thus the line is often drawn chronologically.
Example:

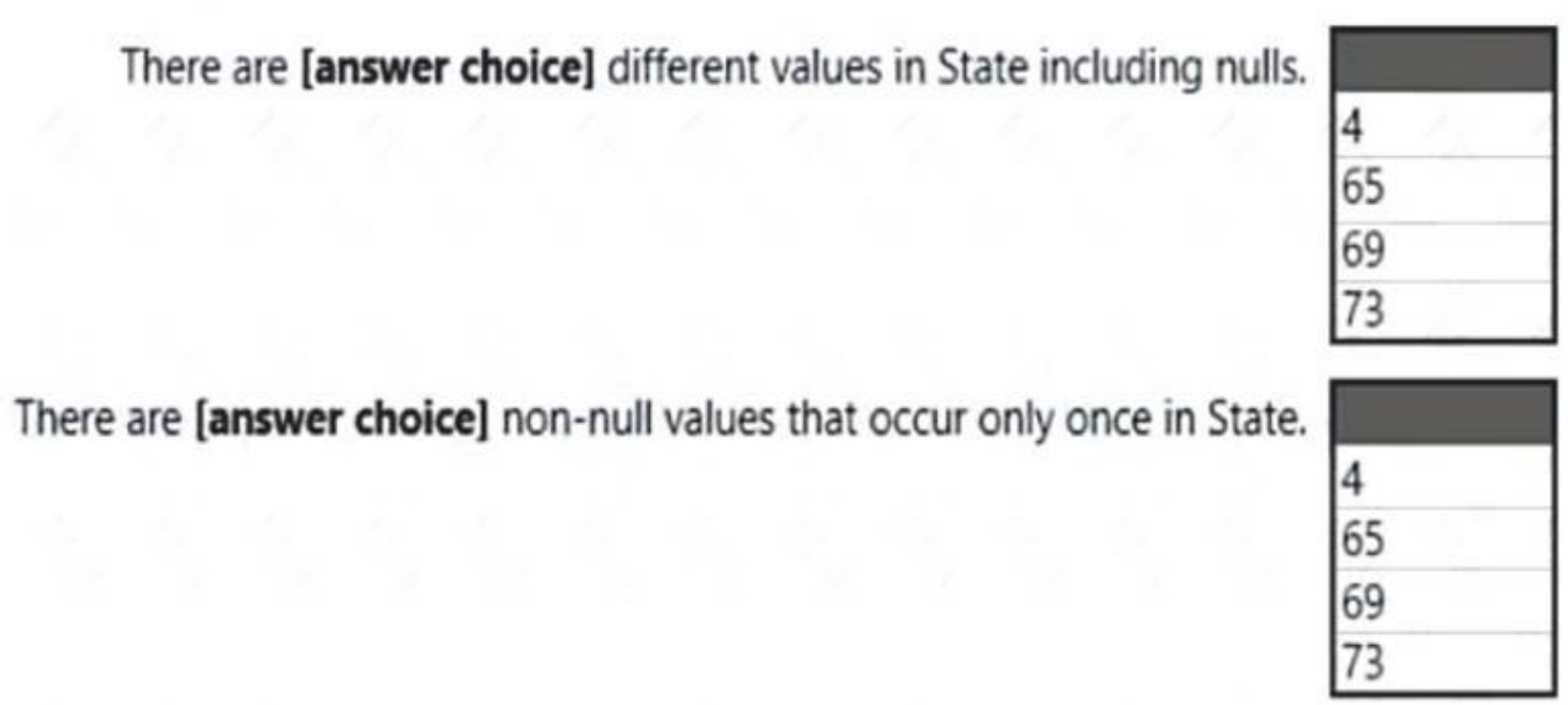


Reference:
https://www.data-to-viz.com/graph/line.html

NEW QUESTION 90
- (Exam Topic 4)
You are profiling data by using Power Query Editor.
You have a table named Reports that contains a column named State. The distribution and quality data metrics for the data m State is shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

There are **[answer choice]** different values in State including nulls.

4
65
69
73

There are **[answer choice]** non-null values that occur only once in State.

4
65
69
73

NEW QUESTION 94
- (Exam Topic 4)
You open a query in Power Query Editor.
You need to identify the percentage of empty values in each column as quickly as possible. Which Data Preview option should you select?

A. Show whitespace
B. Column profile
C. Column distribution
D. Column quality

Answer: D

Explanation:
Column quality: In this section, we can easily see valid, Error and Empty percentage of data values associated with the Selected table.
Note: In Power Query Editor, Under View tab in Data Preview Section we can see the following data profiling functionalities:
- Column quality
- Column distribution
- Column profile

Reference:
https://community.powerbi.com/t5/Community-Blog/Data-Profiling-in-Power-BI-Power-BI-Update-April-2019/

NEW QUESTION 96
- (Exam Topic 4)
You have a collection of reports for the HR department of your company. The datasets use row-level security (RLS). The company has multiple sales regions that each has an HR manager. You need to ensure that the HR managers can interact with the data from their region only. The HR managers must be prevented from changing the layout of the reports. How should you provision access to the reports for the HR managers?

A. Create a new workspace, copy the datasets and reports, and add the HR managers as members of the workspace.
B. Publish the reports to a different workspace other than the one hosting the datasets.
C. Publish the reports in an app and grant the HR managers access permission.
D. Add the HR managers as members of the existing workspace that hosts the reports and the datasets.

Answer: C

Explanation:
Note: Row-level security (RLS) with Power BI can be used to restrict data access for given users. Filters restrict data access at the row level, and you can define filters within roles. In the Power BI service, members of a workspace have access to datasets in the workspace. RLS doesn't restrict this data access.
Reference:
https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls

NEW QUESTION 101
- (Exam Topic 4)
You have a Microsoft Power BI report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.
The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.
The report is a single page that contains 15 AppSource visuals and 10 default visuals.
Users say that the report is slow to load the visuals when they access and interact with the report. You need to recommend a solution to improve the performance of the report.
What should you recommend?

A. Change any DAX measures to use iterator functions.
B. Replace the default visuals with AppSource visuals.
C. Change the imported dataset to DirectQuery.
D. Remove unused columns from tables in the data model.

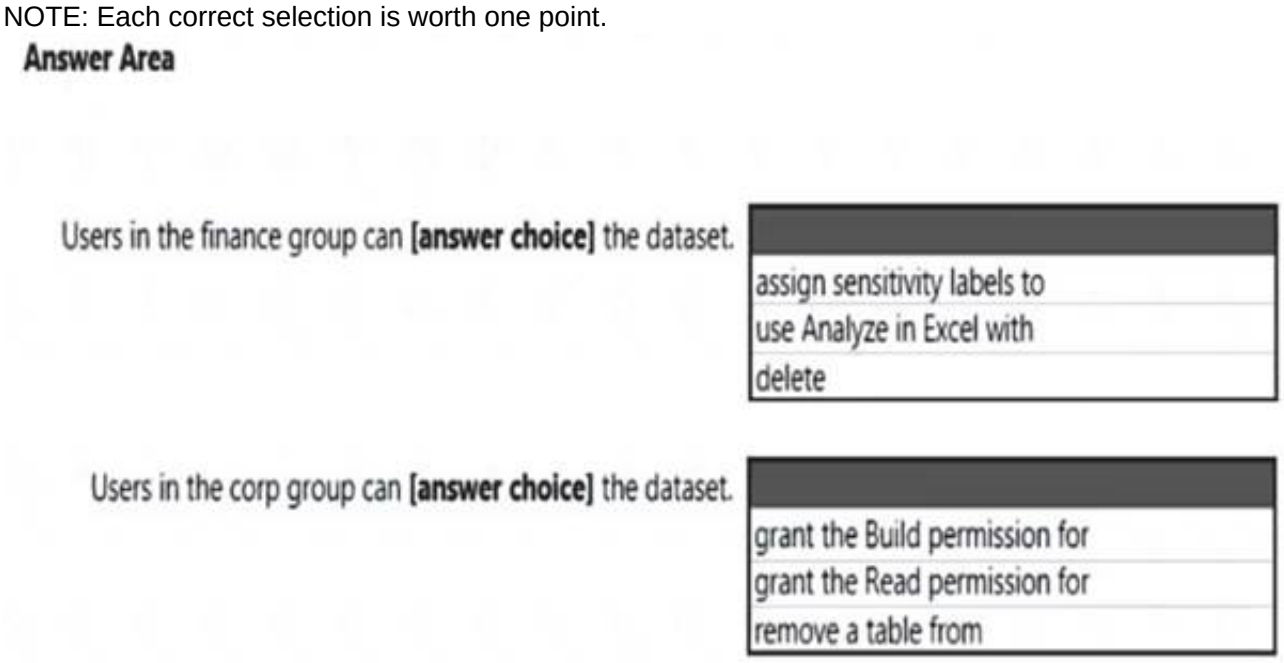
Answer: C

Explanation:
DirectQuery: No data is imported or copied into Power BI Desktop.
Import: The selected tables and columns are imported into Power BI Desktop. As you create or interact with a visualization, Power BI Desktop uses the imported data.
Benefits of using DirectQuery
There are a few benefits to using DirectQuery:

- DirectQuery lets you build visualizations over very large datasets, where it would otherwise be unfeasible to first import all the data with pre-aggregation.
- Underlying data changes can require a refresh of data. For some reports, the need to display current data can require large data transfers, making reimporting data unfeasible. By contrast, DirectQuery reports always use current data.

The 1-GB dataset limitation doesn't apply to DirectQuery. Reference:
https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery

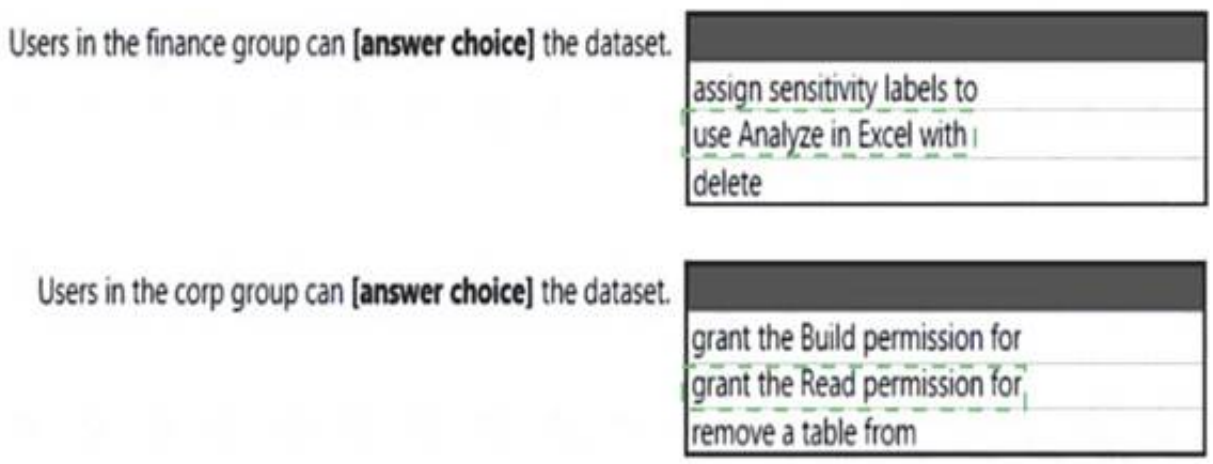
NEW QUESTION 104
- (Exam Topic 4)
You have a dataset that has the permissions shown in the following exhibit.
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area



NEW QUESTION 105
- (Exam Topic 4)
Your company has affiliates who help the company acquire customers.
You build a report for the affiliate managers at the company to assist them in understanding affiliate performance.
The managers request a visual showing the total sales value of the latest 50 transactions for each affiliate. You have a data model that contains the following tables.

Table name	Column name
Transactions	TransactionDate
	ItemsOrdered
	Amount
	AffiliateID
	TransactionID
Affiliate	AffiliateID
	Name

You need to develop a measure to support the visual.
How should you complete the DAX expression? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

```
Revenue Last 50 Transactions =
[ CALCULATE / CONCATENATEX / SUM / SUMX / TOPN ] (
    [ CALCULATE / CONCATENATEX / SUM / SUMX / TOPN ] (Transactions[Amount]),
    [ CALCULATE / CONCATENATEX / SUM / SUMX / TOPN ] (50, Transactions, Transactions [ TransactionID] / [Amount], / [ItemsOrdered], / [TransactionDate], )
DESC)
)
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: CALCULATE
Start with CALCULATE and use a SUMX.
CALCULATE evaluates an expression in a modified filter context. Box 2: SUM
Box 3: TOPN
TOPN returns the top N rows of the specified table. Box 4: [TransactionDate]
TOPN Syntax: TOPN(<n_value>, <table>, <orderBy_expression>, [<order>[, <orderBy_expression>, [<order>]]…])
The orderBy_expression: Any DAX expression where the result value is used to sort the table and it is evaluated for each row of table.
Reference:
https://docs.microsoft.com/en-us/dax/topn-function-dax

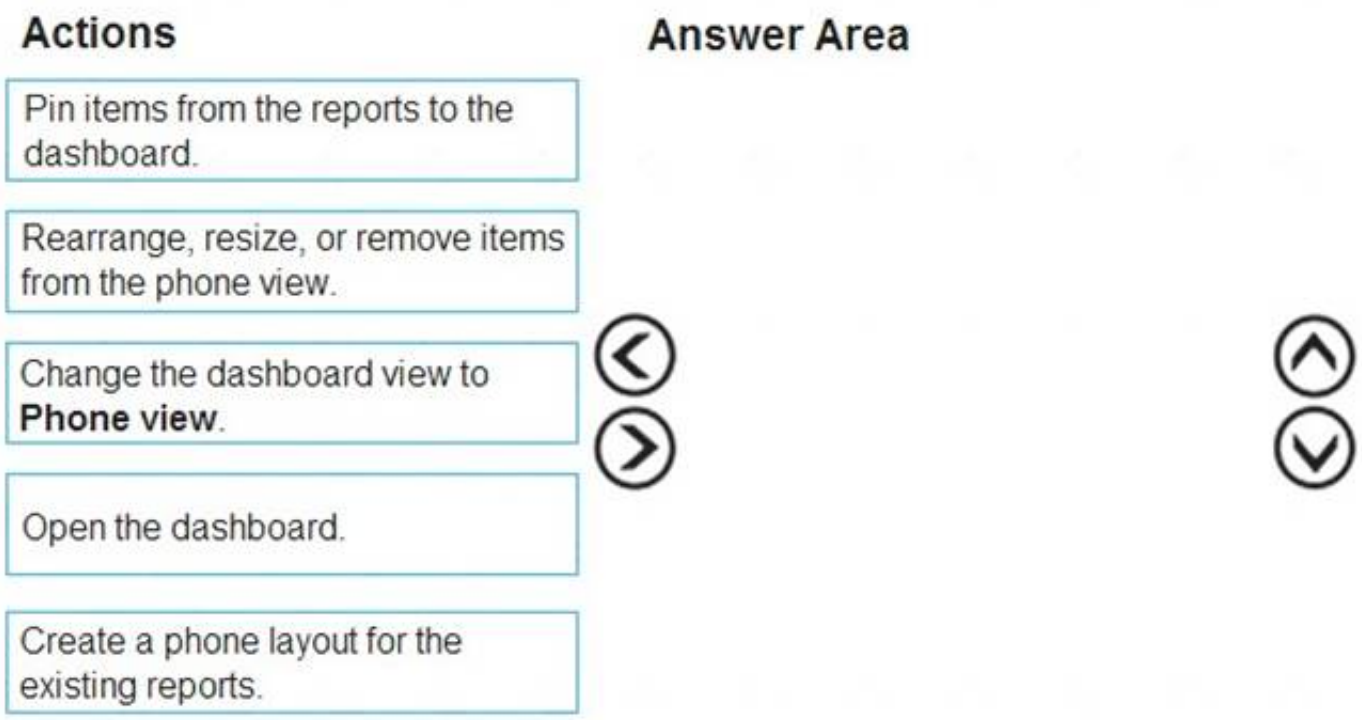
NEW QUESTION 110
- (Exam Topic 4)
You have a Microsoft Power Bl report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.
The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.
The report is a single page that contains 15 custom visuals and 10 default visuals.
Users say that the report is slow to load the visuals when they access and interact with the report You need to recommend a solution to improve the performance of the report.
What should you recommend?

A. Split the visuals onto multiple pages.
B. Implement row-level security (RLS).
C. Replace the default visuals with custom visuals.
D. Increase the number of times that the dataset is refreshed.

Answer: A

NEW QUESTION 115
- (Exam Topic 4)
You are using existing reports to build a dashboard that will be viewed frequently in portrait mode on mobile phones.
You need to build the dashboard.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the

correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Pin items from report to Dashboard.
* 2. Open Dashboard.
* 3. Change the dashboard view to Phone view.
* 4. Rearrange, resize the visuals.

NEW QUESTION 116
- (Exam Topic 4)
You are creating a Microsoft Power Bl imported data model to perform basket analysis. The goal of the analysis is to identify which products are usually bought together in the same transaction across and within sales territories.
You import a fact table named Sales as shown in the exhibit. (Click the Exhibit tab.)

Column name	Data type	Description
SalesRowID	Integer	ID of the row from the source system, which represents a unique combination of SalesOrderNumber and SalesOrderLineNumber
ProductKey	Integer	Surrogate key that relates to the product dimension
OrderDateKey	Integer	Surrogate key that relates to the date dimension and is in the YYYYMMDD format
OrderDate	Datetime	Date and time an order was processed
CustomerKey	Integer	Surrogate key that relates to the customer dimension
SalesTerritoryKey	Integer	Surrogate key that relates to the sales territory dimension
SalesOrderNumber	Integer	Unique identifier of an order
SalesOrderLineNumber	Integer	Unique identifier of a line within an order
OrderQuantity	Integer	Quantity of the product ordered
LineTotal	Decimal	Total sales amount of a line before tax
TaxAmt	Decimal	Amount of tax charged for the items on a specified line within an order
Freight	Decimal	Amount of freight charged for the items on a specified line within an order
LastModified	Datetime	The date and time that a row was last modified in the source system
AuditID	Integer	The ID of the data load process that last updated a row

The related dimension tables are imported into the model.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

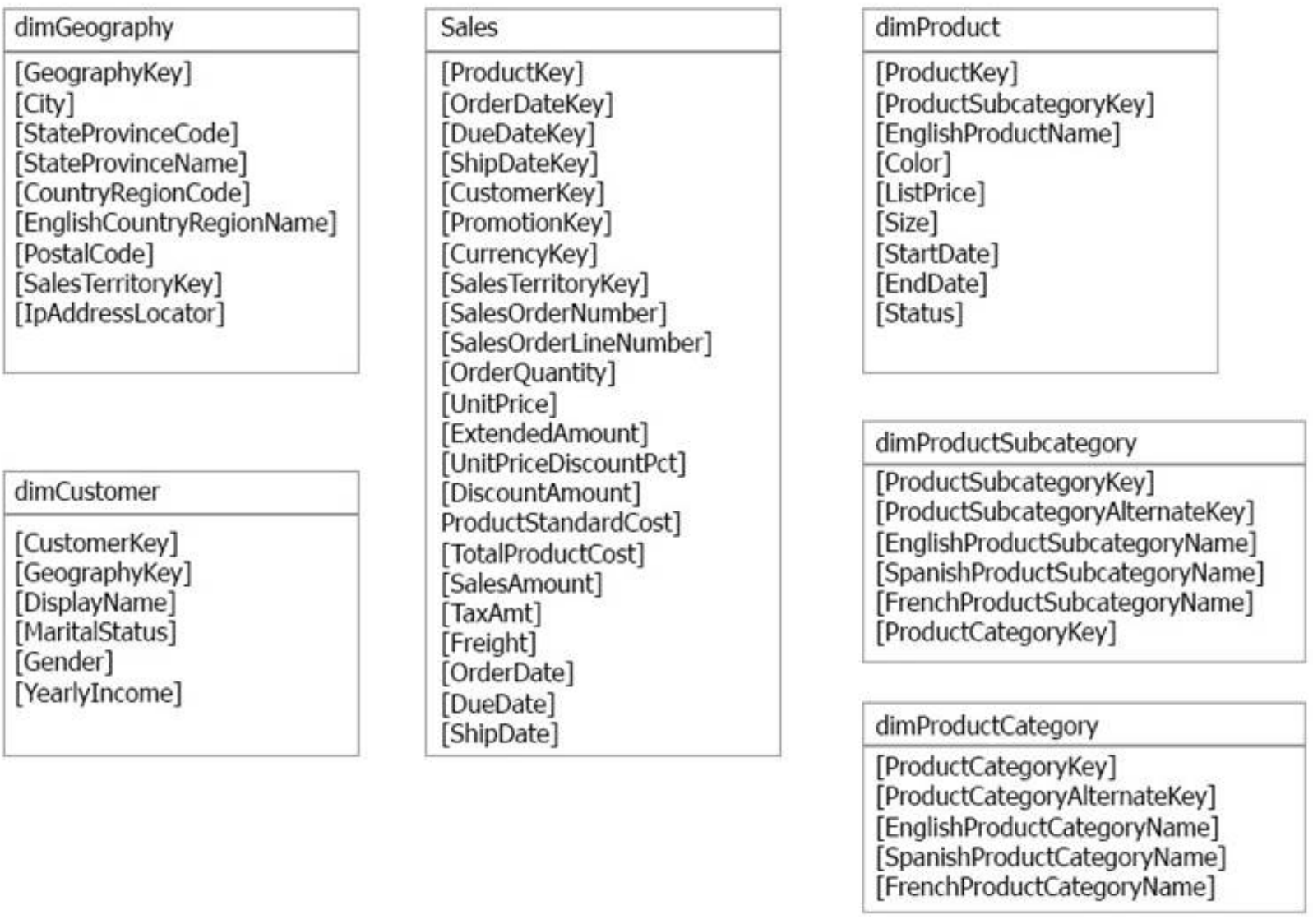
Statements	Yes	No
The SalesRowID and AuditID columns can be removed from the model without impeding the analysis goals.	○	○
Both the OrderDateKey and OrderDate columns are necessary to perform the basket analysis.	○	○
The TaxAmt column must retain the current number of decimal places to perform the basket analysis.	○	○

A. Mastered
B. Not Mastered

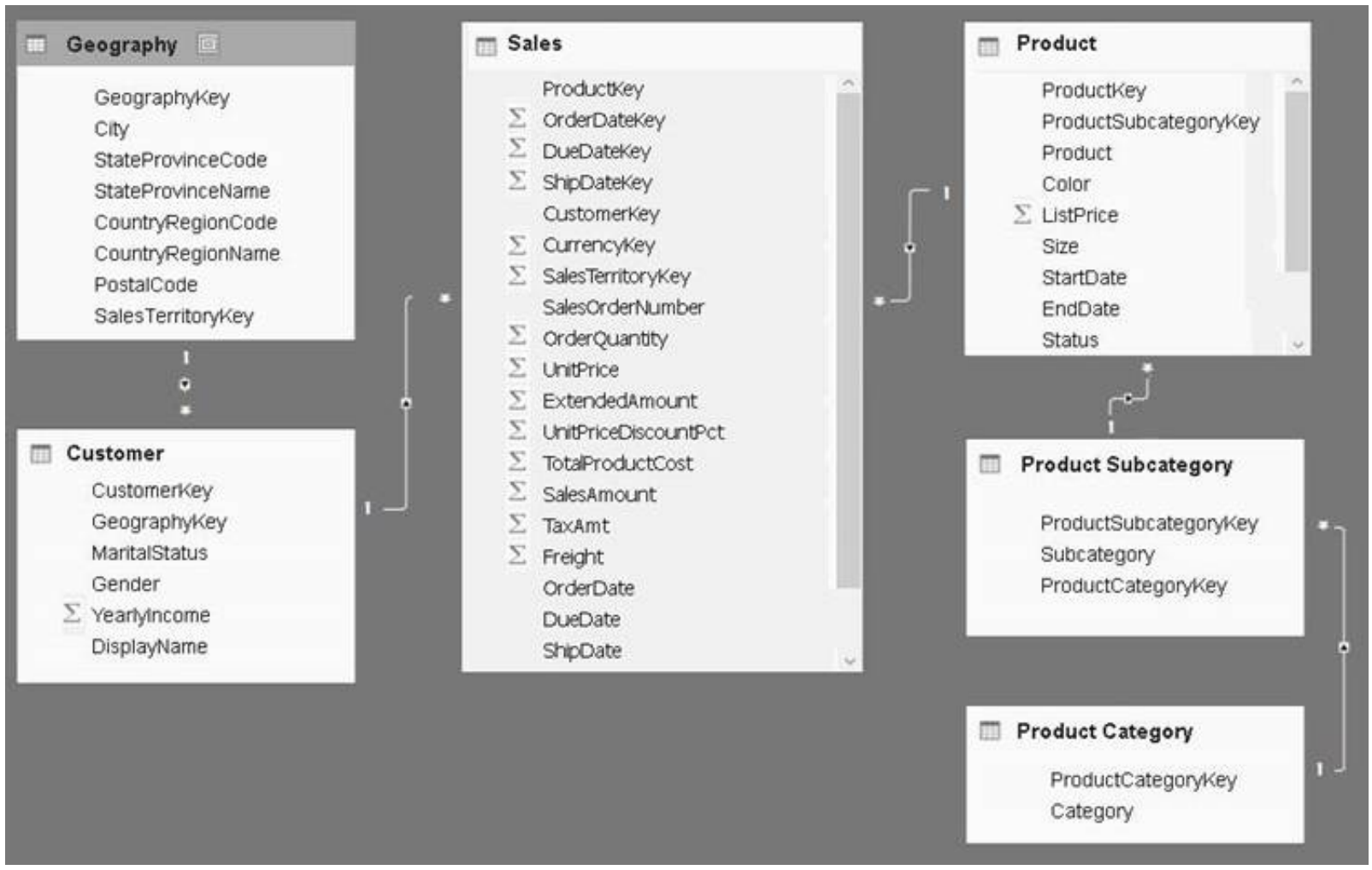
Answer: A

Explanation:
Reference:
https://finance-bi.com/power-bi-basket-analysis/

NEW QUESTION 118
- (Exam Topic 4)
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.
Start of repeated scenario
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit).



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario.
You implement the Power BI model.
You need to add a new column to the Product Subcategory table that uses the following formula.
=if [Subcategory] =null then “NA” else [Subcategory] Which command should you use in Query Editor?

A. Column From Examples
B. Custom Column
C. Invoke Custom Function
D. Conditional Column

Answer: D

Explanation:
References:
http://community.powerbi.com/t5/Desktop/if-then-else/td-p/117999

NEW QUESTION 121
- (Exam Topic 4)
You manage a Power BI model has a table named Sales and product.
You need to ensure that a sales team can view only data that has a CountryRegionName value of United States and a ProductCategory value of Clothing.
What should you do from Power BI Desktop?

A. From Power BI Desktop, create a new role that has the following filter.[countryRegionName]= “United States” && [ProductCategory]= “Clothing”
B. Add the following filters in Query Editor.CountryRegionName is United StatesProductCategory is Clothing
C. From Power BI Desktop, create a new role that has the following filters.[CountryRegionName]= “United States”
D. Add the following filters to a report.CountryRegionName is United SatesProductCategory is Clothing

Answer: D

Explanation:
References: https://docs.microsoft.com/en-us/power-bi/power-bi-how-to-report-filter

NEW QUESTION 124
- (Exam Topic 4)
You have a report that contains a bar chart and a column chart. The bar chart shows customer count by customer segment. The column chart shows sales by month.
You need to ensure that when a segment is selected in the bar chart, you see which portion of the total sales for the month belongs to the customer segment.
How should the visual interactions be set on the column chart when the bar chart is selected?

A. no impact
B. highlight
C. filter

Answer: B

Explanation:
HIGHLIGHT as the question required us to "you see which portion of the total sales for the month belongs to the customer segment" -- in order to see WHICH portion, you need to still see the whole visual, highlight is most appropriate. If the requirement stated to ONLY SEE THE PORTION IT RELATES TO then filter would be appropriate.

NEW QUESTION 129

- (Exam Topic 4)
You have a Power Bl workspace that contains several reports.
You need to provide a user with the ability to create a dashboard that will use the visuals from the reports. What should you do?

A. Grant the Read permission for the datasets to the user.
B. Add the user as a Viewer of the workspace.
C. Share the reports with the user.
D. Create a row-level security (RLS) role and add the user to the role.
E. Add the user as a member of the workspace.

Answer: B

NEW QUESTION 133
- (Exam Topic 4)
You have a PBiX file that imports several tables from an Azure SQL database. The data will be migrated to another Azure SQL database.
You need to change the connections in the PBIX file. The solution must minimize administrative effort. What should you do?

A. From Power Query Editor, modify the source of each query.
B. Create a PBiT file, open the file, and change the data sources when prompted
C. From Power Query Editor, create new queries.
D. Modify the Data source settings.

Answer: D

NEW QUESTION 136
- (Exam Topic 4)
You have an app workspace that contains a dashboard and four reports. All the reports are generated from a single dataset that contains sales data for your company.
The reports display the data configured as shown in the following table.

Report name	Data displayed	Data characteristic
Sales Data1	Sales from the start of 2013 to the end of 2015	The company was owned by another company named Contoso, Ltd. from 2013 to 2015
Sales Data2	Sales from the start of 2011 to the end of 2016	The company changed the line of products sold frequently from 2011 to 2016
Sales Data3	Sales from the start of 2016 to the end of 2017	The company hired new management that started in 2016
Sales Data4	Sales from the start of 2011 to the end of 2014	The company was being sued by a competitor from 2011 to 2014

You need to ensure that the users of the reports can locate the correct report by using natural language queries. What should you do?

A. From the properties of the dataset, create four Featured Q&A Questions.
B. From the Format settings of the reports, modify the Page Information.
C. From the properties of the dataset, modify the Q&A and Cortana settings.
D. From the properties of the workspace, modify the Language Settings.

Answer: C

Explanation:
References:
https://docs.microsoft.com/en-us/power-bi/service-q-and-a-direct-query#limitations-during-public-preview

NEW QUESTION 140
- (Exam Topic 4)
You have a sales system that contains the tables shown in the following table.

Table name	Column name
Sales	sales_ID
	sales_date
	sales_amount
Date	DateID
	Month
	Week
	Year

The Date table is marked as a date table.
DatelD is the date data type. You need to create an annual sales growth percentage measure. Which DAX expression should you use?

A. SUM(sales[sales_amount]) - CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID])
B. (SUM('Sales'[sales_amount]) - CALCULATE(SUM('Sales'[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID])))/
CALCULATE(SUM('Sales'[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))

C. CALCULATE(SUM(sales[sales_amount]), DATESYTD('Date'[DateID]))
D. CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))

Answer: B

Explanation:
SAMEPERIODLASTYEAR returns a table that contains a column of dates shifted one year back in time from the dates in the specified dates column, in the current context.
Reference:
https://docs.microsoft.com/en-us/dax/sameperiodlastyear-function-dax

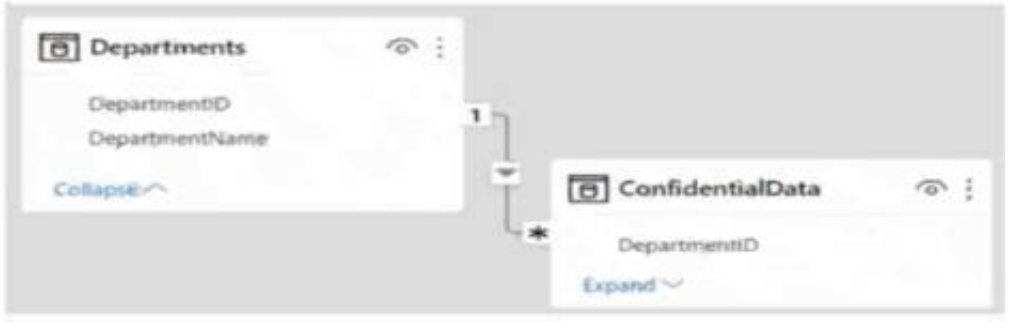
NEW QUESTION 142
- (Exam Topic 4)
You have a Microsoft SharePoint Online site that contains several document libraries. One of the document libraries contains manufacturing reports saved as Microsoft Excel files. All the manufacturing reports have the same data structure.
You need to load only the manufacturing reports to a table for analysis. What should you do in Microsoft Power Bl Desktop?

A. Get data from a SharePoint Online folder, enter the site URL, and then select Combine & Load.
B. Get data from a SharePoint Online list and enter the site UR
C. Edit the query and filter by the path to the manufacturing reports library.
D. Get data from a SharePoint Online folder and enter the site UR
E. Edit the query and filter by the path to the manufacturing reports library.
F. Get data from a SharePoint Online list, enter the site URL, and then select Combine & Load.

Answer: B

Explanation:
We have to import Excel files from SharePoint, so we need the connector SharePoint folder which is used to get access to the files stored in the library. SharePoint list is a collection of content that has rows and columns (like a table) and is used for task lists, calendars, etc. Since we have to filter only on manufacturing reports, we have to select Transform and then filter by the corresponding folder path.
https://docs.microsoft.com/en-us/power-query/connectors/sharepointlist

NEW QUESTION 146
- (Exam Topic 4)
You have the Power Bl model shown in the following exhibit.



There are four departments in the Departments table.
You need to ensure that users can see the data of their respective department only. What should you do?

A. Create a row-level security (RLS) role for each department, and then define the membership of the role.
B. Create a DepartmentID parameter to filter the Departments table.
C. To the ConfidentialData table, add a calculated measure that uses the currentgroup DAX function.
D. Create a slicer that filters Departments based on DepartmentID.

Answer: A

NEW QUESTION 151
- (Exam Topic 4)
You need to create a Power BI theme that will be used in multiple reports. The theme will include corporate branding for font size, color, and bar chart formatting.
What should you do?

A. From Power Bl Desktop, customize the current theme,
B. From power Bl Desktop, use a built in report theme.
C. Create a theme as a JSON file and import the theme into Power Bl Desktop.
D. Create a theme as a PBIVlZ file and import the theme into Power Bl Desktop.

Answer: B

NEW QUESTION 154
- (Exam Topic 4)
In the Power BI service, you create an app workplace that contains several dashboards.
You need to provide a user named user1@contoso.com with the ability to edit and publish dashboards. What should you do?

A. Modify the members of the app workspace.
B. Configure security for the dataset used by the app.
C. Share the dashboard, and then modify the Access settings of the dashboard.
D. From the app workspace, click Update app, and then configure the Access settings.

Answer: C

NEW QUESTION 159
- (Exam Topic 4)
You have sales data in a star schema that contains four tables named Sales, Customer, Date, and Product. The Sales table contains purchase and ship dates.
Most often, you will use the purchase date to analyze the data, but you will analyze the data by both dates independently and together.
You need to design an imported dataset to support the analysis. The solution must minimize the model size and the number of queries against the data source.
Which data modeling design should you use?

A. Use the Auto Date/Time functionality in Microsoft Power Bl and do NOT import the Date table.
B. Duplicate the Date query in Power Query and create active relationships between Sales and both Date tables in the modeling view.
C. On the Date table, use a reference query in Power Query and create active relationships between Sales and both Date tables in the modeling view.
D. Import the Date table twice in Power Query and create active relationships between Sales and both Date tables in the modeling view.

Answer: D

Explanation:
Microsoft recommends defining active relationships whenever possible. They widen the scope and potential of how your model can be used by report authors, and users working with Q&A.
Refactoring methodology (example): Here's a methodology to refactor a model from a single role-playing dimension-type table, to a design with one table per role.
- Remove any inactive relationships.
- Consider renaming the role-playing dimension-type table to better describe its role. In the example, the Airport table is related to the ArrivalAirport column of the Flight table, so it's renamed as Arrival Airport.
- Create a copy of the role-playing table, providing it with a name that reflects its role. If it's an Import table, we recommend defining a calculated table. If it's a DirectQuery table, you can duplicate the Power Query query.

Only one relationship can be active.
Note: If you query two or more tables at the same time, when the data is loaded, Power BI Desktop attempts to find and create relationships for you. The relationship options Cardinality, Cross filter direction, and Make this relationship active are automatically set.
Reference:
https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-create-and-manage-relationships https://docs.microsoft.com/en-us/power-bi/guidance/relationships-active-inactive

NEW QUESTION 160
- (Exam Topic 4)
You attempt to connect Purer 81 Desktop to a Cassandra database.
From the Get Data connector list you discover that there is no specific connector for the Cassandra database, You need to select an alternate data connector that will connect to the database.
Which of connector should you choose?

A. Microsoft SQL Server database
B. ODBC
C. OData
D. OLE DB

Answer: B

NEW QUESTION 162
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
From Power Query Editor, you profile the data shown in the following exhibit.

	IoT GUID	IoT DateTime	IoT ID
	Valid 100%	Valid 100%	Valid 100%
	Error 0%	Error 0%	Error 0%
	Empty 0%	Empty 0%	Empty 0%
1	48196321-38D9-EC11-BB3D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-BB3D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-BB3D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-BB3D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-BB3D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-BB3D-0022489A2...	21/05/2022 19:00:21	100001005

The IOT ID columns are unique to each row in query.
You need to analyze 10T events by the hour and day of the year. The solution must improve dataset performance.
Solution: You change the IOT DateTime column to the Date data type. Does this meet the goal?

A. Yes
B. No

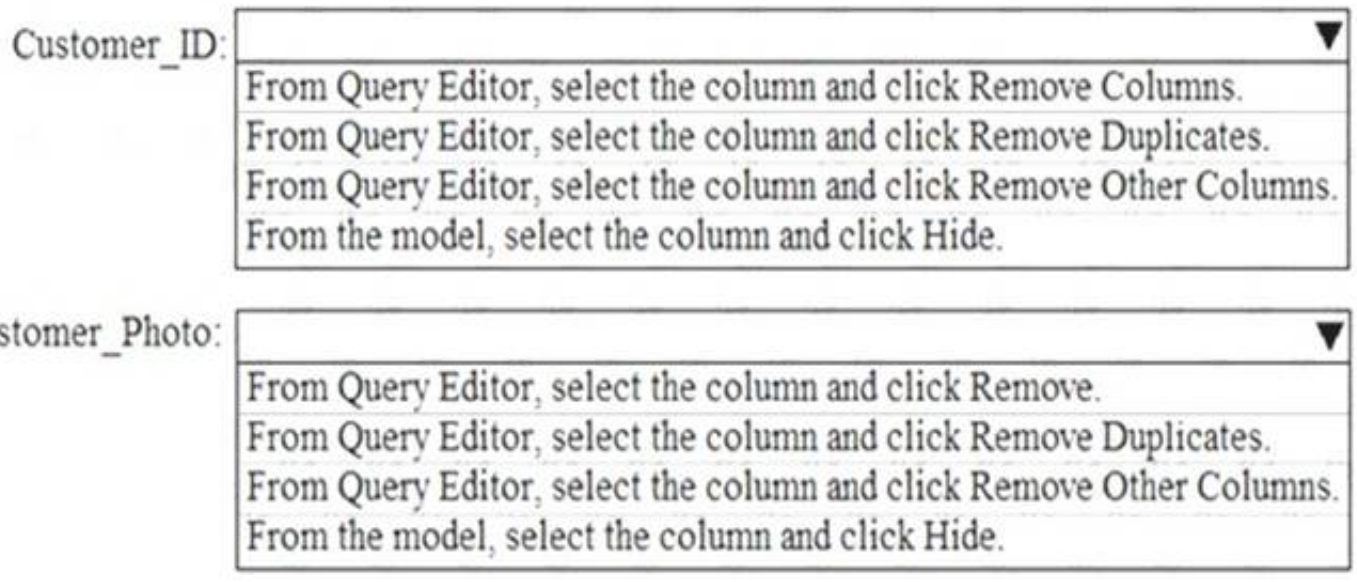
Answer: A

NEW QUESTION 167
- (Exam Topic 4)

You are creating reports in Power BI Desktop. The model has the following tables.

Table name	Column name	Data type
Order	Order_date	Datetime
	Order_amount	Float
	Customer_ID	Integer
Customer	Customer_ID	Integer
	Full_name	Varchar(100)
	Customer_Photo	Binary

There is a relationship between the tables.
You plan to publish a report to the Power BI service that displays Order_amount by Order_date by Full_name. You need to ensure that only the columns required for the report appear in Report View. The solution must
minimize the size of the dataset that is published.
How should you configure the columns in Power BI Desktop? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Table Description automatically generated

NEW QUESTION 168
- (Exam Topic 4)
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.
You have a Microsoft SQL Server database that contains the following tables.

Table name	Column name	Data type
Order	Order_ID	Integer
	Order_date	Integer
	Order_amount	Currency
	Customer_ID	Integer
	Order_ship_date	Integer
	Store_ID	Integer
Customer	Customer_ID	Integer
	First_name	Varchar(100)
	Last_name	Varchar(100)
	Customer_photo	Binary
Date	Date_ID	Integer
	Date_name	Datetime
	Month	Integer
	Week	Integer
	Year	Integer
Monthly_returns	Month_ID	Integer
	Total_returns	Float
	Store_ID	Varchar(100)
Store	Store_ID	Integer
	Name	Varchar(100)
	City	Varchar(100)
	Sales_target	Float

The following columns contain date information:
- Date[Month] in the mmyyyy format
- Date[Date_ID] in the ddmmyyyy format
- Date[Date_name] in the mm/dd/yyyy format
- Monthly_returns[Month_ID] in the mmyyyy format The Order table contains more than one million rows.
The Store table has a relationship to the Monthly_returns table on the Store_ID column. This is the only relationship between the tables.
You plan to use Power BI Desktop to create an analytics solution for the data.
You need to create a relationship between the Order table and the Store table on the Store_ID column.
What should you do before you create the relationship?

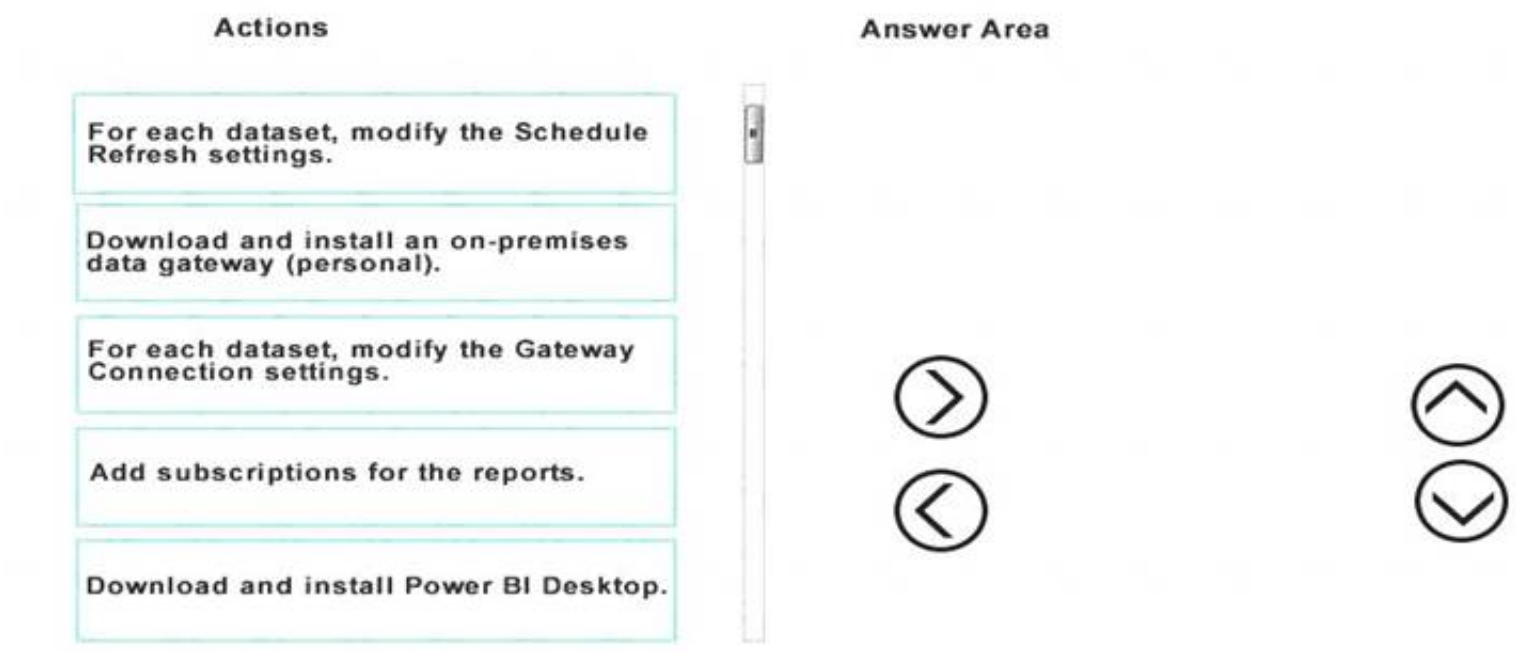
A. In the Order table query, use the Table.TrasformRows function.
B. In the Store table query, use the Table.TrasformRows function.
C. In the Store table query, use the Table.TrasformColumnTypes function.
D. In the Order table query, use the Table.TrasformColumnTypes function.

Answer: C

NEW QUESTION 170
- (Exam Topic 4)
You are creating a Power BI model that contains a table named Store. Store contains the following fields. You plan to create a map visual that will show store locations and provide the ability to drill down from
Country to State/Province to City. What should you do to ensure that the locations are mapped property?
A. Set the data category of Cit
B. State/Province, and Country.
C. Set Summarization for Cit
D. State/Province, and Country to Don't summarize
E. Change the data type of Cit
F. State/Province, and Country.
G. Create a calculated column that concatenates the values it City, State/Province, and Country.

Answer: A

NEW QUESTION 174
- (Exam Topic 4)
You have a Microsoft Excel workbook that contains two tables.
From Power BI, you create a dashboard that displays data from the tables.
You update the tables each day.
You need to ensure that the virtualizations in the dashboard are updated daily.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to answer area and arrange them in the correct order.

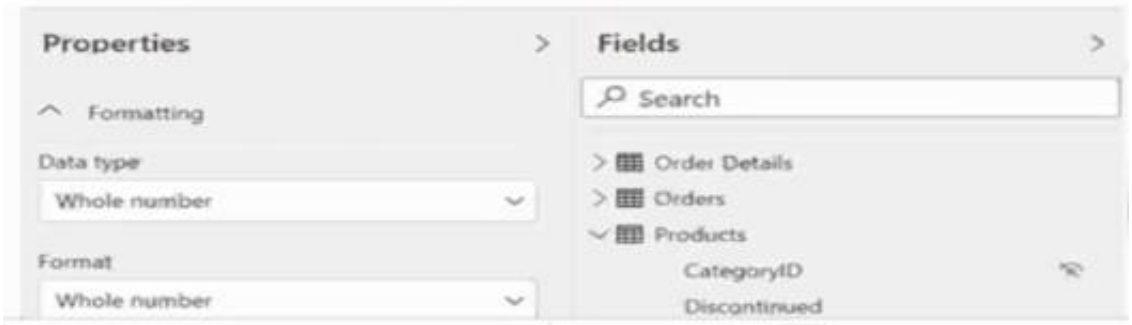


A. Mastered
B. Not Mastered

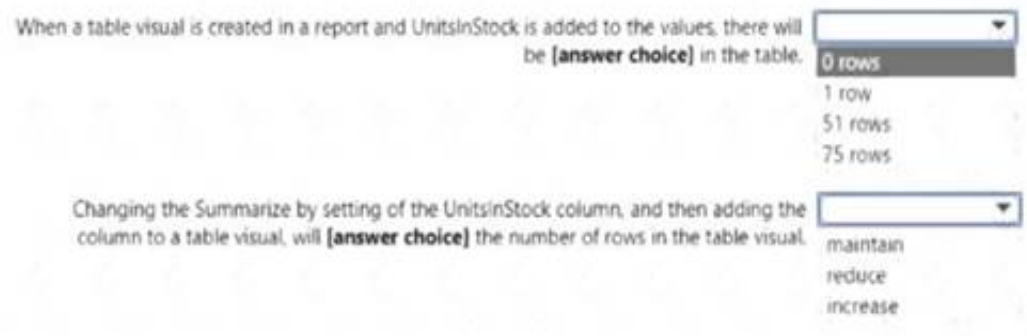
Answer: A

Explanation:
Graphical user interface, text, application, email Description automatically generated
References: https://docs.microsoft.com/en-us/power-bi/refresh-scheduled-refresh

NEW QUESTION 177
- (Exam Topic 4)
You have a column named UnitsInStock as shown in the following exhibit



Answer Area

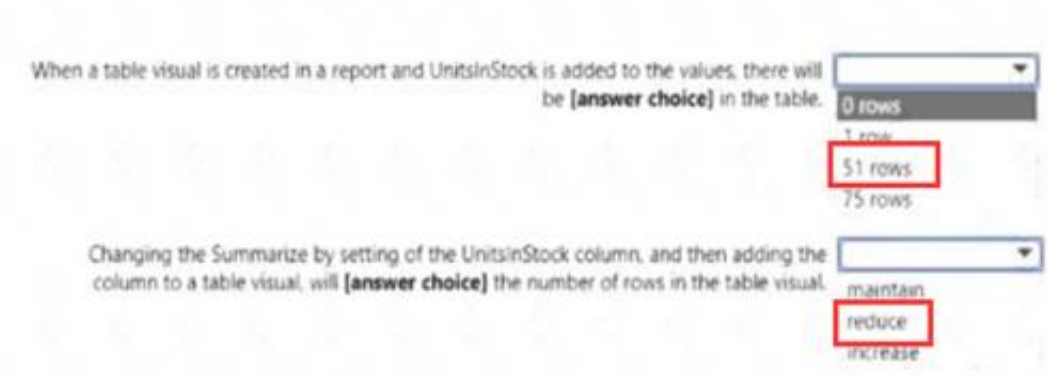


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 178
- (Exam Topic 4)
You have the dataset shown in the following exhibit.

City	Sales Profit
Abbottsburg	$173,947
Absecon	$129,358
Accomac	$157,768
Aceitunas	$119,283
Airport Drive	$162,500
Akhiok	$259,554
Alcester	$127,040
Alden Bridge	$152,138
Alstead	$106,147
Amado	$136,718
Amanda Park	$117, 444
Andrix	$130,710
Annamoriah	$139,499
Antares	$147,562
Antonio	$113,056
Total	**$85,729,181**

You need to ensure that the visual shows only the 10 cities that have the highest sales profit. What should you do?

A. Add a Top N filter to the visual.
B. Configure the Sales Profit measure to use the RANKX function.
C. Add a calculated column to the table that uses the TOPN functio
D. In the visual, replace Sales Profit with the calculated column.
E. Add a calculated column to the table that returns the city name if the city is in the top 10, otherwise the calculated column will return "Not in Top 10". In the visual, replace Sales Profit with the calculatedcolumn.D18912E1457D5D1DDCBD40AB3BF70D5D

Answer: A

Explanation:
Power BI Top N Filters are useful to display the top performing records, and Bottom N filters are helpful to display the least performing records. For example, we can display top or bottom 10 products by orders or sales.
Note:

- Select the Column you want to display the Top Sales Profit
- Then change the Filter Type of that Column to Top N
- Fill in Top / Bottom number field
- And lastly drag to the By Value filed your Sales Profit Reference:

https://www.tutorialgateway.org/power-bi-top-10-filters/

NEW QUESTION 181
- (Exam Topic 4)
You have a prospective customer list that contains 1,500 rows of data. The list contains the following fields:

- First name
- Last name
- Email address
- State/Region
- Phone number

You import the list into Power Query Editor.
You need to ensure that the list contains records for each State/Region to which you want to target a marketing campaign.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Open the Advanced Editor.
B. Select Column quality.
C. Enable Column profiling based on entire dataset.
D. Select Column distribution.
E. Select Column profile.

Answer: CE

Explanation:
In Power query, the load preview by default is 1000 row. By default, the column quality also only looks at the first 1000 row. You can verify this by the status bar at the bottom of the Power query window. To change the profiling so it analyses the entire column of data, select the profiling status in the status bar. Then select Column profiling based on the entire data set.
https://theexcelclub.com/data-profiling-views-in-power-query-excel-and-power-bi/

NEW QUESTION 182

- (Exam Topic 4)
You have a Power Bl report that contains five pages. Pages 1 to 4 are visible and page 5 is hidden.
You need to create a solution that will enable users to quickly navigate from the first page to all the other visible pages. The solution must minimize development and maintenance effort as pages are added to the report.
What should you do first?

A. Add a blank button to page 1.
B. Add a bookmark navigation button to page 1.
C. Create a bookmark for each page.
D. Add a page navigation button to page 1.

Answer: D

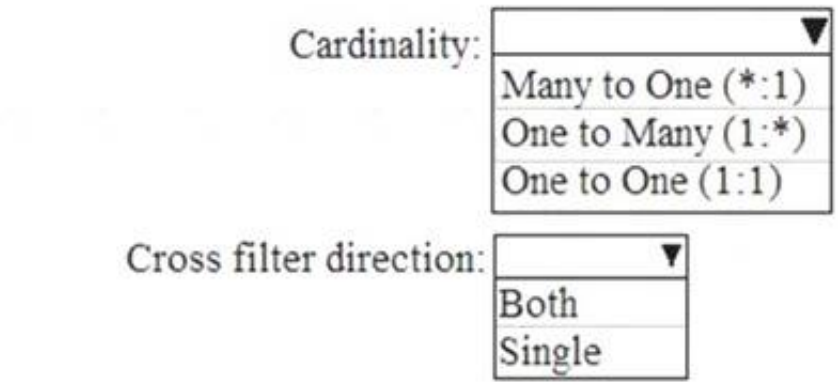
NEW QUESTION 187
- (Exam Topic 4)
You have a Power BI model that has the following tables:

- Product (Product_id, Product_Name)
- Sales (Order_id, Order_Date, Product_id, Salesperson_id, Sales_Amount)
- Salesperson (Salesperson_id, Salesperson_name, address)

You plan to create the following measure. Measure1 = DISTINCTCOUNT(Sales[ProductID]) You need to create the following relationships:

- Sales to Product
- Sales to Salesperson

The solution must ensure that you can use Measure1 to display the count of products sold by each salesperson. How should you configure the relationships? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

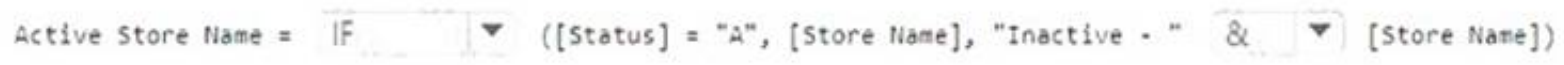


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text Description automatically generated

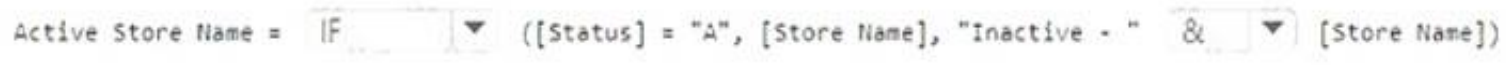
NEW QUESTION 190
- (Exam Topic 4)
You have a Power 31 data model that contains a table named Stores. The table has the following columns:
* Store Name
* Open Date
* Status
* State
* City
You need to create a calculated column named Active Store Name that meets the following requirements: see the explanation for answer.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 192
- (Exam Topic 4)
You have a Microsoft Power Bl report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.
The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.

The report is a single page that contains 15 custom visuals and 10 default visuals.
Users say that the report is slow to load the visuals when they access and interact with the report You need to recommend a solution to improve the performance of the report.
What should you recommend?

A. Replace the default visuals with AppSource visuals.
B. Change any DAX measures to use iterator functions.
C. Remove unused columns from tables in the data model.
D. Increase the number of times that the dataset is refreshed

Answer: D

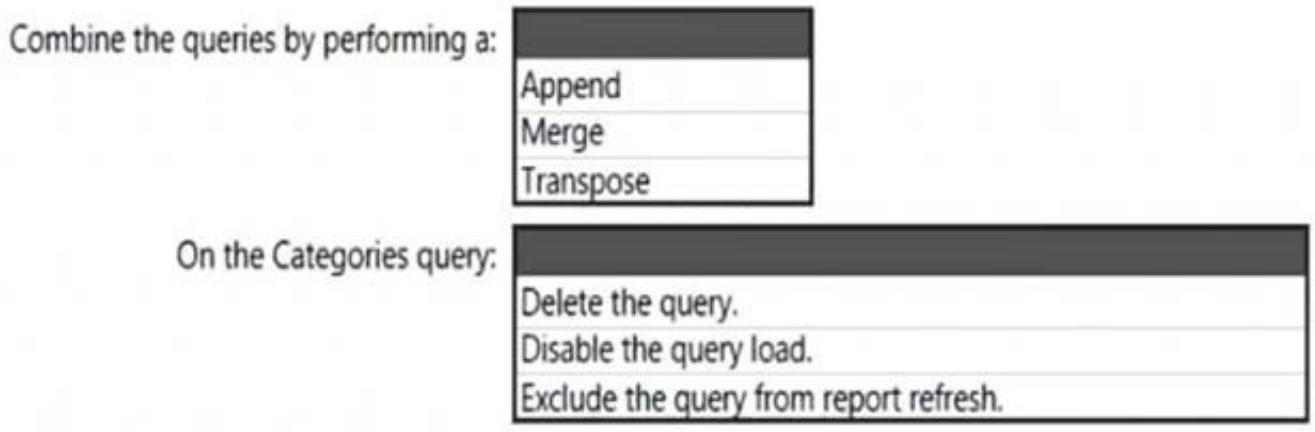
NEW QUESTION 194
- (Exam Topic 4)
You have two CSV files named Products and Categories. The Products file contains the following columns:
- ProductID
- ProductName
- SupplierID
- CategoryID

The Categories file contains the following columns:
- CategoryID
- CategoryName
- CategoryDescription

From Power BI Desktop, you import the files into Power Query Editor.
You need to create a Power BI dataset that will contain a single table named Product. The Product will table includes the following columns:
- ProductID
- ProductName
- SupplierID
- CategoryID
- CategoryName
- CategoryDescription

How should you combine the queries, and what should you do on the Categories query? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

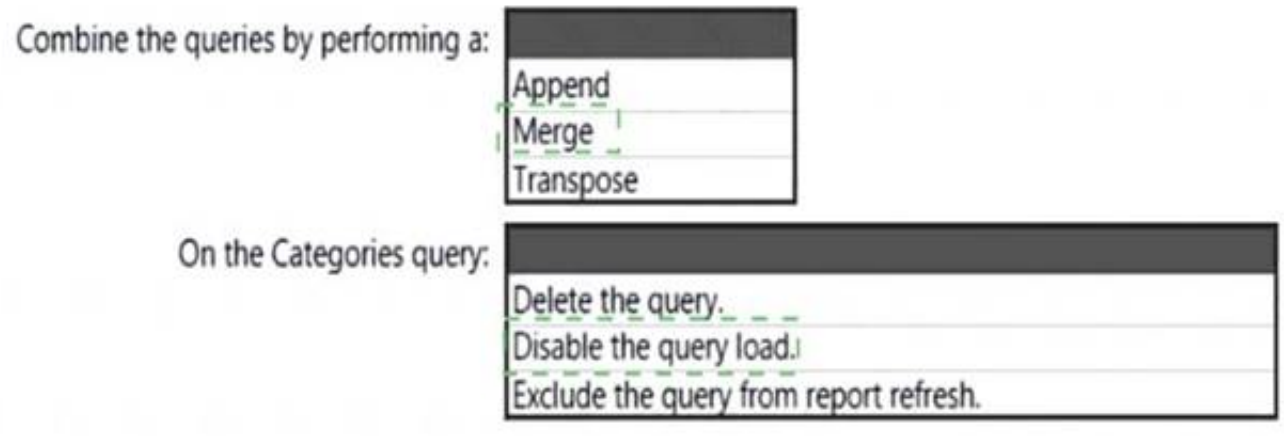


A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 197
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have several reports and dashboards in a workspace.
You need to grant all organizational users read access to a dashboard and several reports. Solution: You assign all the users the Viewer role to the workspace.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
The Viewer role gives a read-only experience to its users. They can view dashboards, reports, or workbooks in the workspace, but can't browse the datasets or dataflows. Use the Viewer role wherever you would previously use a classic workspace set to "Members can only view Power BI content".
Reference:
https://powerbi.microsoft.com/en-us/blog/announcing-the-new-viewer-role-for-power-bi-workspaces/

NEW QUESTION 198
- (Exam Topic 4)
You plan to embed multiple visualization in a public website.
Your Power BI infrastructure contains the visualizations configured as shown in the following table.

Visualization name	Characteristic
Visual1	Uses row-level security (RLS)
Visual2	Uses a dataset that is stored in Microsoft OneDrive for Business
Visual3	Contained in a report that was shared to your user account
Visual4	Is a custom visual
Visual5	Uses a dataset from an on-premises Microsoft SQL Server Analysis Services (SSAS) database

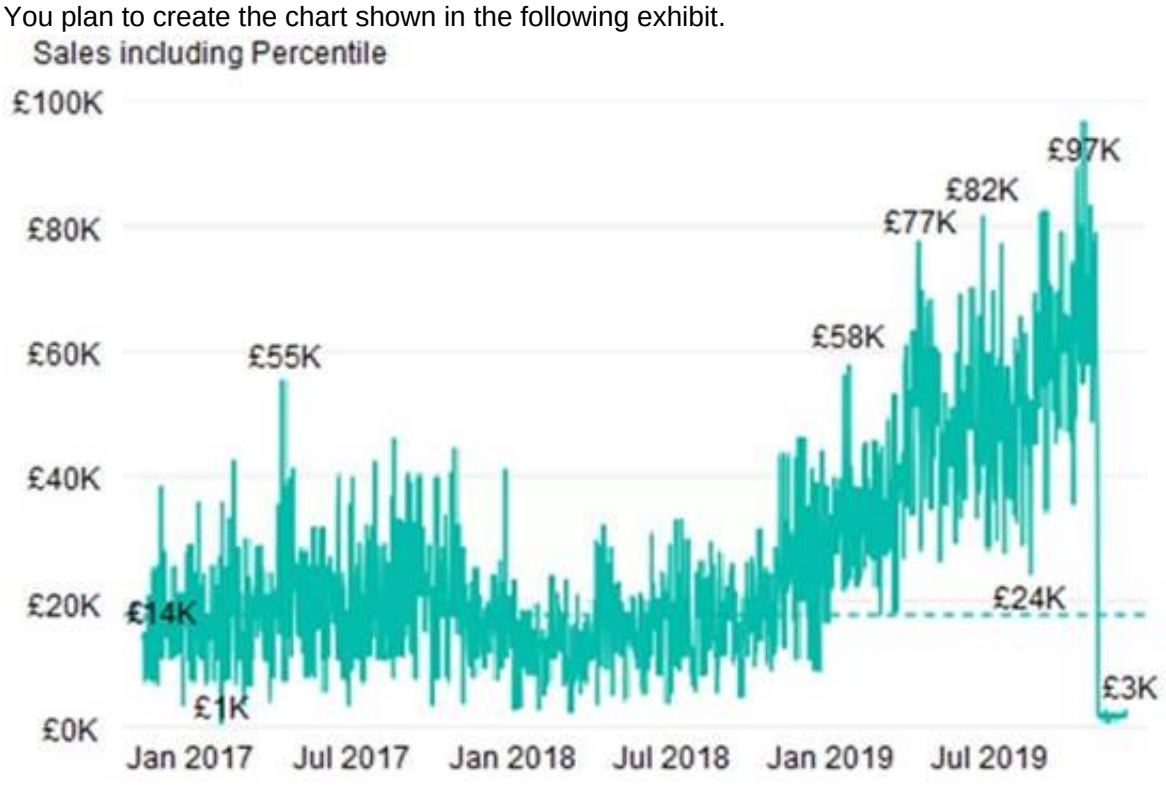
Which two visualizations can you embed into the website? Each correct answer presents a complete the solution.
NOTE: Each correct selection is worth one point.

A. Visual1
B. Visual2
C. Visual3
D. Visual4
E. Visual5

Answer: BD

Explanation:
References: https://docs.microsoft.com/en-us/power-bi/service-publish-to-web

NEW QUESTION 203
- (Exam Topic 4)
You plan to create the chart shown in the following exhibit.

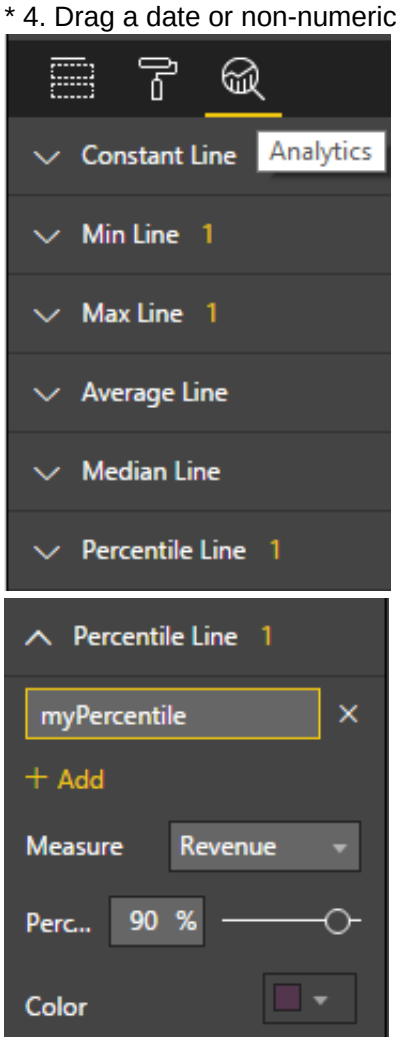


How should you create the dashed horizontal line denoting the 40th percentile of daily sales for the period shown?

A. Create a horizontal line that has a fixed value of 24,000.
B. Add a measure to the visual that uses the following DAX expression.Heasurel - PERCENTUEX.EXC (Sales,Sales[Total Sales],©.40)
C. Add a new percentile line that uses Total Sales as the measure and 40% as the percentile.
D. Add a measure to the visual that uses the following DAX expression.Heasurel = PERCENTILEX.INC (Sales,Sales[Total Sales],6.40)

Answer: C

Explanation:
The analytics feature enables you to show percentiles across groups specified along a specific axis. Example:
* 1. Click on the analytics tab
* 2. Select Percentile
* 3. You can choose a specific percentile along with other formatting options.
* 4. Drag a date or non-numeric dimension into the Axis of a column chart



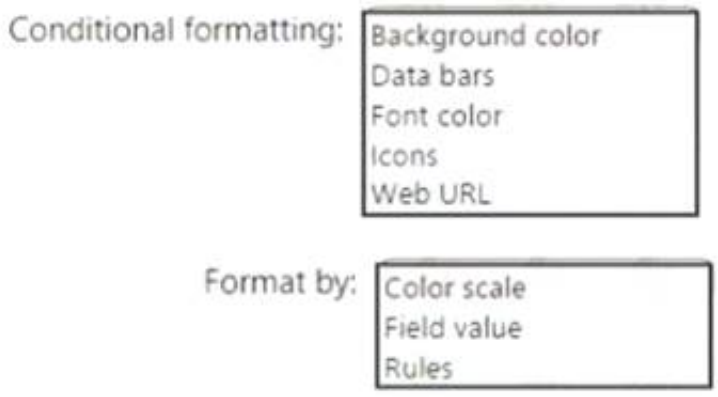
Add percentile lines to monitor daily revenue

NEW QUESTION 206
- (Exam Topic 4)
You need to create a visual as shown in the following exhibit.

MonthName	Total Sales	Sales Last Year	% Growth to Last Year
January	£559,263.79	£144,365.51	74.19%
February	£583,915.29	£215,923.28	63.02%
March	£684,091.92	£211,347.46	69.11%
April	£957,686.49	£350,270.97	63.43%
May	£841,473.26	£310,708.65	63.08%
June	£876,911.71	£298,356.83	65.98%
July	£922,410.09	£348,435.28	62.23%
August	£1,002,219.24	£388,213.68	61.26%
September	£1,152,976.22	£407,595.76	64.65%
October	£1,262,647.67	£465,583.06	63.13%
November	£555,548.44	£555,548.44	0.00%
December	£553,615.45	£553,615.45	0.00%
Total	£9,952,759.56	£4,249,964.36	57.30%

The indicator color for Total Sales will be based on % Growth to Last Year. The solution must use the existing calculations only.
How should you configure the visual? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

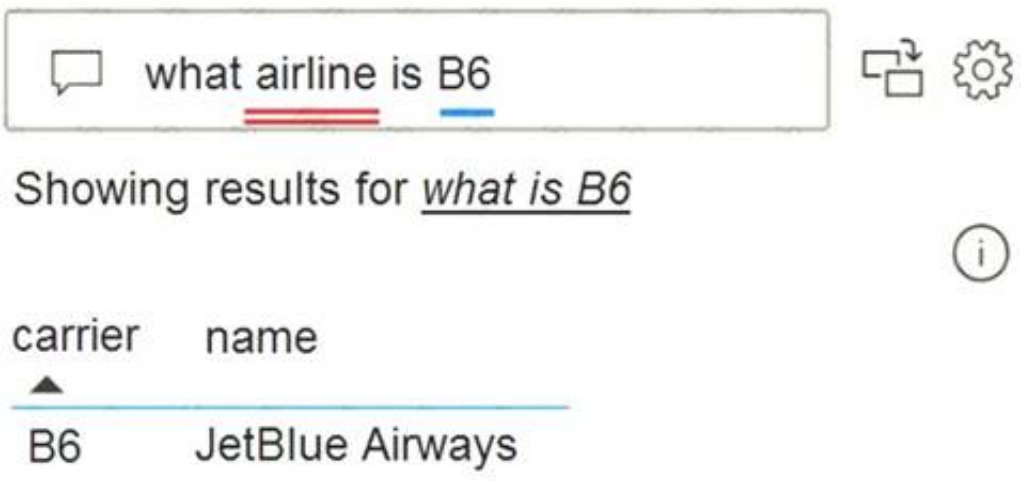


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Background color
To format the Color column based on its field values, select Conditional formatting for the Color field, and then select Background color or Font color.
In the Background color or Font color dialog box, select Field value from the Format by drop-down field. Box 2: Field value
With conditional formatting for tables in Power BI Desktop, you can specify customized cell colors, including color gradients, based on field values.
Reference:
https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-conditional-table-formatting

NEW QUESTION 210
- (Exam Topic 4)
You have a Q&A visual that displays information from a table named Carriers as shown in the following exhibit.



You need to ensure that users can ask questions by using the term airline or carrier. The solution must minimize changes to the data model.
What should you do?

A. Add a duplicate query named Airline.
B. Add airline as a synonym of carrier.
C. Rename the carrier column as airline in the Carriers query.
D. Rename the query from Carriers to airlines.

Answer: B

Explanation:

Add synonyms to tables and columns: This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.
This step can be important. Even with straightforward table and column names, users of Q&A ask questions using the vocabulary that first comes to them. They're not choosing from a predefined list of columns. The more sensible synonyms you add, the better your users' experience is with your report.
Reference:
https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices

NEW QUESTION 212
- (Exam Topic 4)
You need to create a Power Bl report. The first page or the report must contain the following two views:
* Sales By Postal Code
* Sales by Month
Both views must display a slicer to select a value for a field named Chain.
The Sales By Postal Code view must display a map visual as shown in the following exhibit.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 215
- (Exam Topic 4)
What should you create to meet the reporting requirements of the sales department?

A. a calculated column that uses the following formula: `IF( ISBLANK(Sales[sales_amount]),0, (Sales[sales_amount]))`

B. a measure that uses the following formula: `SUM(Sales[sales_amount])`

C. a measure that uses the following formula: `SUMX(FILTER('Sales', 'Sales'[sales_amount] > 0)),[sales_amount])`

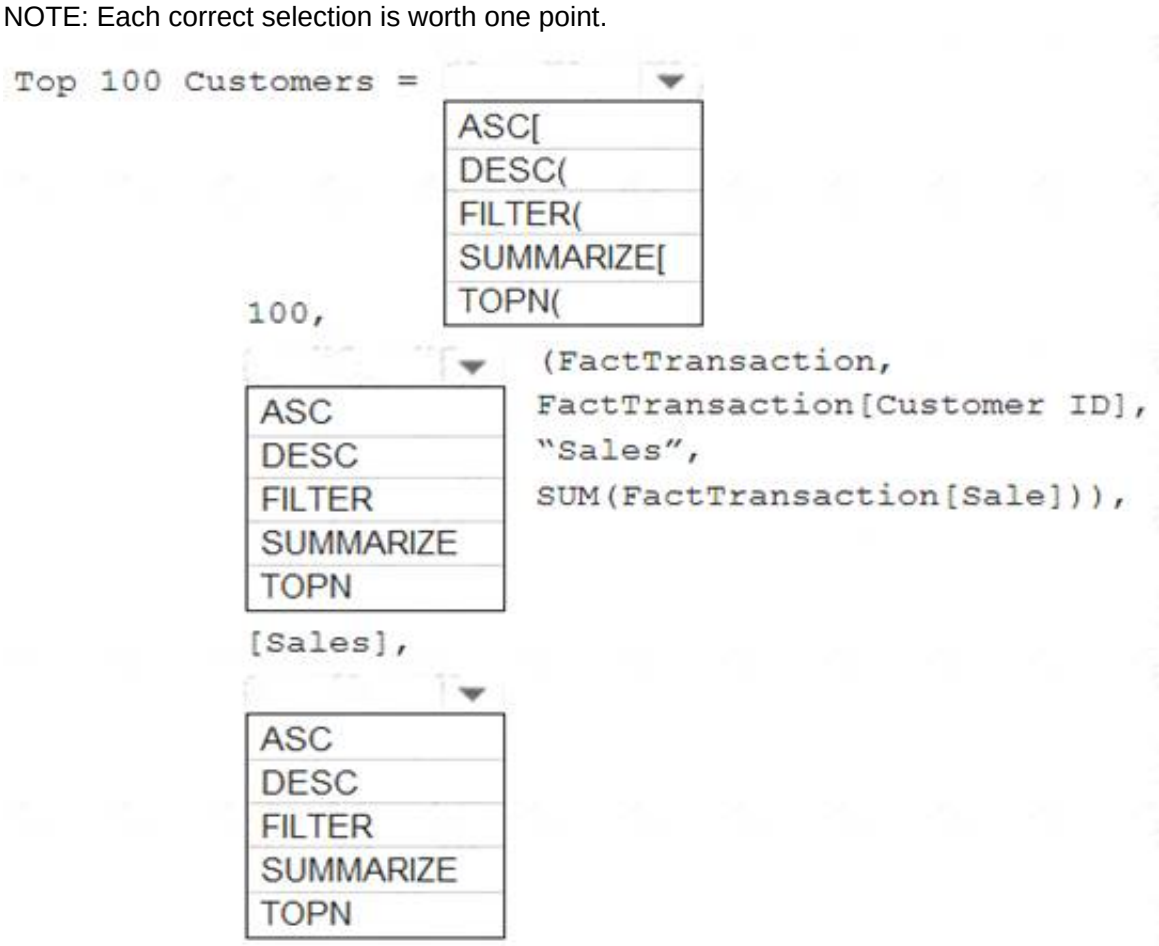
D. a calculated column that uses the following formula: `ABS(Sales[sales_amount])`

A. Option A
B. Option B
C. option C
D. Option D

Answer: C

NEW QUESTION 219
- (Exam Topic 4)
You have a Power BI report.
You need to create a calculated table to return the 100 highest spending customers.
How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

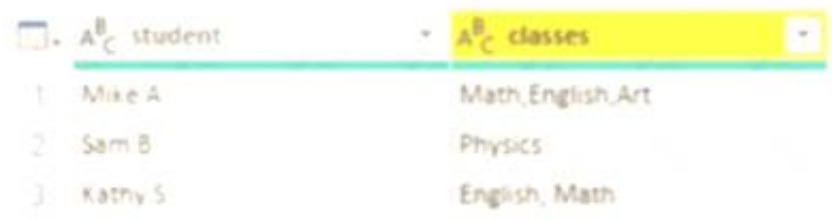


A. Mastered
B. Not Mastered

Answer: A

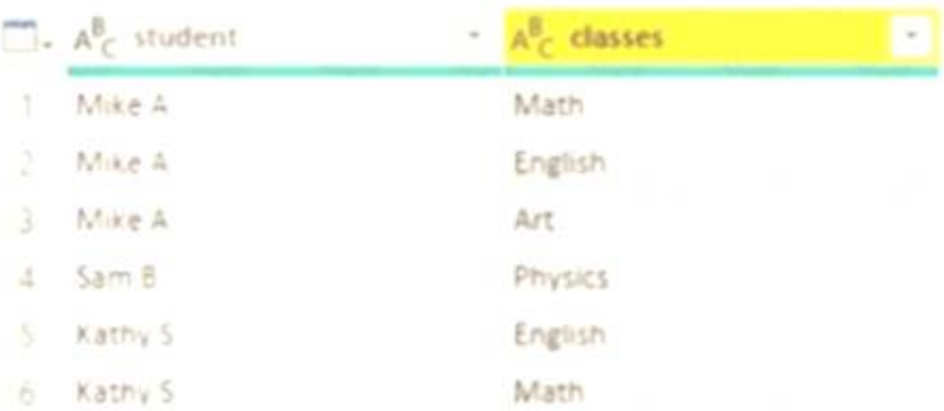
Explanation:
Box 1: TOPN
TOPN returns the top N rows of the specified table. Box 2: SUMMARIZE
SUMMARIZE returns a summary table for the requested totals over a set of groups. Box 3: DESC
Sort in descending order.
It is last in the TOPN command. TOPN syntax:
TOPN(<n_value>, <table>, <orderBy_expression>, [<order>[, <orderBy_expression>, [<order>]]…]) Reference:
https://docs.microsoft.com/en-us/dax/topn-function-dax
https://docs.microsoft.com/en-us/dax/summarize-function-dax

NEW QUESTION 224
- (Exam Topic 4)
You have a query that returns the data shown in the following exhibit.



	student	classes
1	Mike A	Math,English,Art
2	Sam B	Physics
3	Kathy S	English, Math

You need to configure the query to display the data as shown in the following exhibit.



	student	classes
1	Mike A	Math
2	Mike A	English
3	Mike A	Art
4	Sam B	Physics
5	Kathy S	English
6	Kathy S	Math

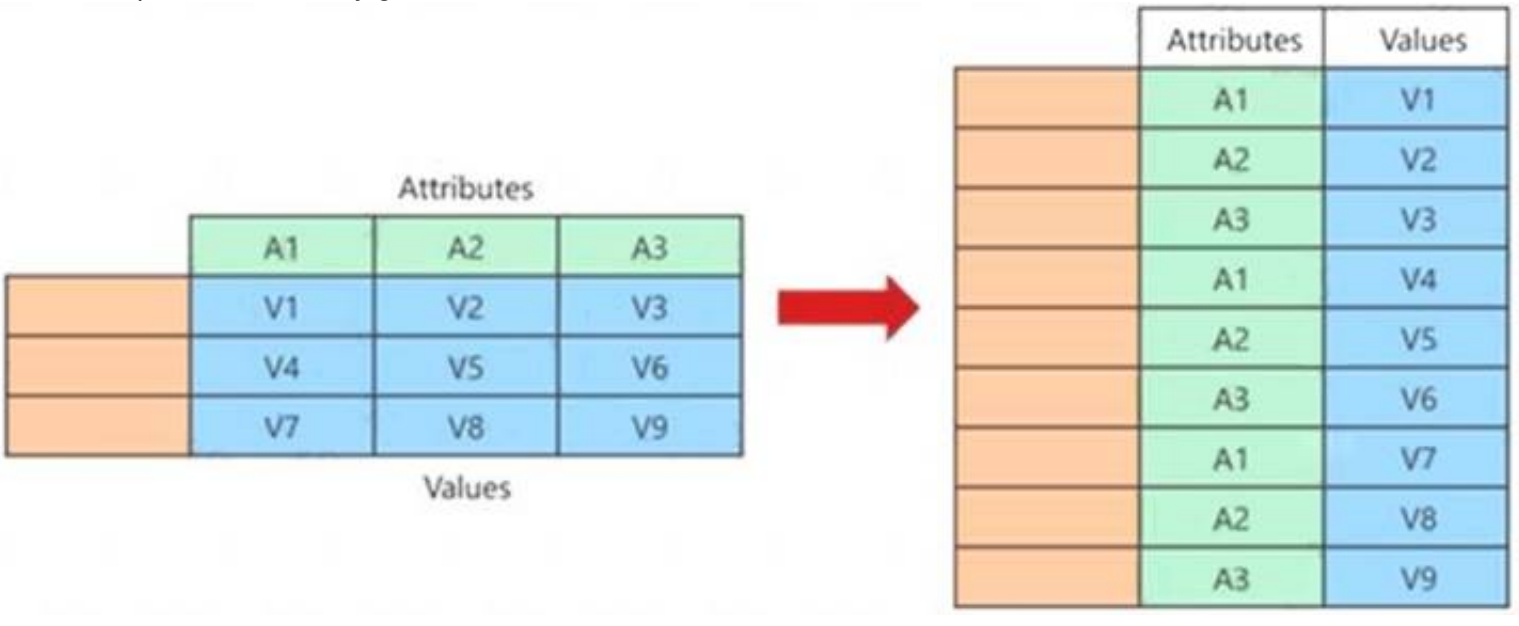
Which step should you use in the query?

A. =Table.ExpandListColum(Table.TransformColunins(Source, {{"classes".Splitter.SplitTextByDelimiter(",", QuoteStyle.None), let itemType - (type nullable text) meta [Serialized.Text = true] in type {itemType}}}), "classes")
B. = Table.Unpivot(Source, {"classes"}, "Attribute", "Value")
C. = Table.SplitColumn(Source, "classes". Splitter.SplitTextByDelimiterf",", QuoteStyle.None),{"classes.1"})
D. = Table.SplitColumn(Source, "classes". Splitter.SplitTextByPositions({10}), {"classes.1"})

Answer: B

Explanation:
Power Query Unpivot columns: You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column. This is necessary, for example, to create a chart or a report.

Chart Description automatically generated



Note:
Syntax: Table.Unpivot(table as table, pivotColumns as list, attributeColumn as text, valueColumn as text) as table
Table.Unpivot translates a set of columns in a table into attribute-value pairs, combined with the rest of the values in each row.
Reference:
https://docs.microsoft.com/en-us/power-query/unpivot-column https://docs.microsoft.com/en-us/powerquery-m/table-unpivot

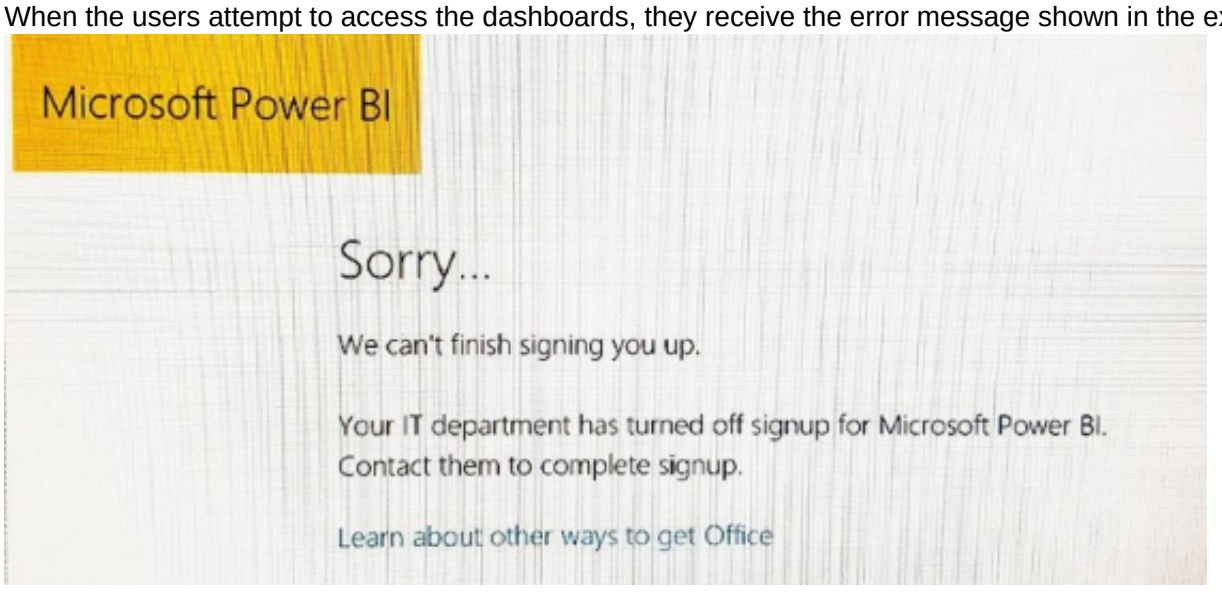
NEW QUESTION 227
- (Exam Topic 4)
You have a Microsoft Power BI data model that contains three tables named Orders, Date, and City. There is a one-to-many relationship between Date and Orders and between City and Orders.
The model contains two row-level security (RLS) roles named Role1 and Role2. Role1 contains the following filter.
City[State Province] = "Kentucky"
Role2 contains the following filter. Date[Calendar Year] = 2020
If a user is a member of both Role1 and Role2, what data will they see in a report that uses the model?

A. The user will see data for which the State Province value is Kentucky and the Calendar Year is 2020.
B. The user will see data for which the State Province value is Kentucky or the Calendar Year is 2020.
C. The user will see only data for which the State Province value is Kentucky.
D. The user will receive an error and will not be able to see the data in the report.

Answer: B

Explanation:
When a report user is assigned to multiple roles, RLS filters become additive. It means report users can see table rows that represent the union of those filters.
Reference:
https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance

NEW QUESTION 231
- (Exam Topic 4)
Your organization has a team of power users who recently created 20 Power BI dashboards.
The power users share the dashboards with other users in the organization.
When the users attempt to access the dashboards, they receive the error message shown in the exhibit. (Click the Exhibit.)



You need to ensure that all the users can access the dashboards. What should you do first?

A. From the Microsoft Office 365 Admin center, and the Power BI (free) subscription, and then assign a license to each user.
B. From the Power BI Admin portal, modify the Privacy Settings.
C. From the properties of each dashboard, modify the Share dashboard settings.
D. Instruct each user to install Microsoft Office 2016.

Answer: A

Explanation:
References:
http://www.nubo.eu/en/blog/2016/12/Enable-PowerBI-On-Office-365/

NEW QUESTION 232
- (Exam Topic 4)
You need to create the On-Time Shipping report.
The report must include a visualization that shows the percentage of late orders. Which type of visualization should you create?

A. scarterplot
B. bar chart
C. piechart

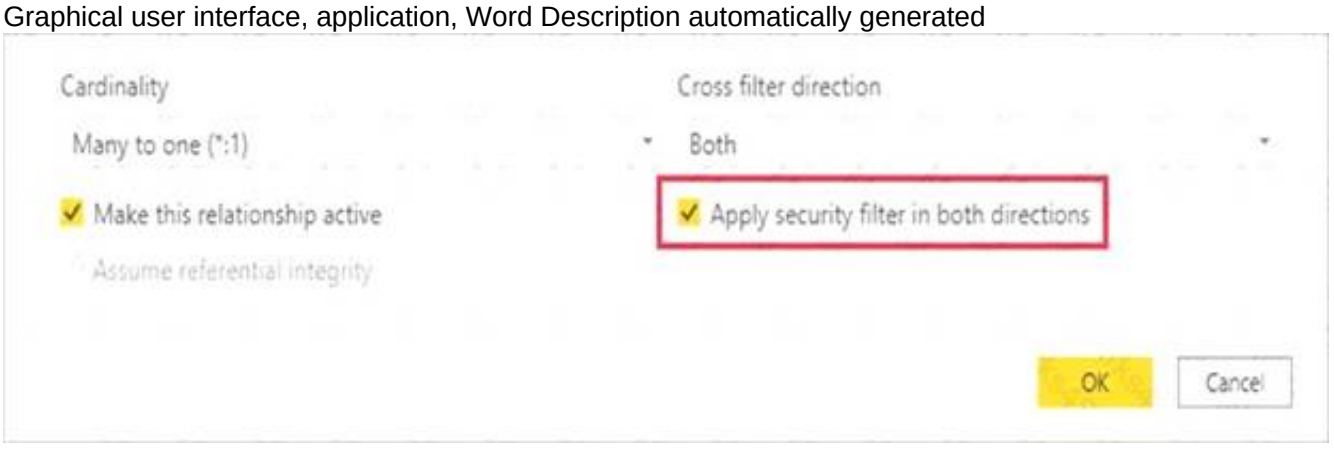
Answer: B

NEW QUESTION 233
- (Exam Topic 4)
In Power BI Desktop, you are building a sales report that contains two tables. Both tables have row-level security (RLS) configured.
You need to create a relationship between the tables. The solution must ensure that bidirectional cross-filtering honors the RLS settings.
What should you do?

A. Create an active relationship between the tables and select Assume referential integrity.
B. Create an inactive relationship between the tables and select Assume referential integrity.
C. Create an inactive relationship between the tables and select Apply security filter in both directions.
D. Create an active relationship between the tables and select Apply security filter in both directions.

Answer: D

Explanation:
By default, row-level security filtering uses single-directional filters, whether the relationships are set to single direction or bi-directional. You can manually enable bi-directional cross-filtering with row-level security by selecting the relationship and checking the Apply security filter in both directions checkbox. Select this option when you've also implemented dynamic row-level security at the server level, where row-level security is based on username or login ID.
Graphical user interface, application, Word Description automatically generated



Reference:
https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls

NEW QUESTION 234
- (Exam Topic 4)
You have a CSV file that contains user complaints. The file contains a column named Logged. Logged contains the date and time each compliant occurred. The data in Logged is in the following format:
at 08:59.
You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy. D18912E1457D5D1DDCBD40AB3BF70D5D
What should you do?

A. Change the data type of the Logged column to Date.
B. Apply a transform to extract the last 11 characters of the Logged column and set the data type of the new column to Date.
C. Create a column by example that starts with 2018-12-31 and set the data type of the new column to Date.
D. Apply a transform to extract the first 11 characters of the Logged column.

Answer: C

NEW QUESTION 238
- (Exam Topic 4)
You create the following step by using Power Query Editor.
= Table.ReplaceValue(SalesLT_Address,"1318","1319",Replacer.ReplaceText,{"AddressLine1"})
A row has a value of 21318 Lasalle Street in the AddressLine1 column. What will the value be when the step is applied?

A. 1318
B. 1319
C. 21318 Lasalle Street
D. 21319 Lasalle Street

Answer: D

Explanation:
Example:
Replace the text "ur" with the text "or" in the table.

```
Table.ReplaceValue(
    Table.FromRecords({
        [a = 1, b = "hello"],
        [a = 3, b = "wurld"]
    }),
    "ur",
    "or",
    Replacer.ReplaceText,
    {"b"}
)
```

a	b
1	hello
3	world

Reference:
https://docs.microsoft.com/en-us/powerquery-m/table-replacevalue

NEW QUESTION 239
- (Exam Topic 4)
You have a Power Bl report for the marketing department. The report reports on web traffic to a blog and contains data from the following tables.

Table name	Source	Description	Column name
Posts	Blog RSS feed	An XML representation of all the blog posts from your company's website	• Publish Date • URL • Title • Full Text • Summary
Traffic	Website logs	Activity data from your company's entire website	• DateTime • URL Visited • IP Address • Browser Agent • Referring URL

There is a one-to-many relationship from Posts to Traffic that uses the URL and URL Visited columns. The report contains the visuals shown in the following table.

Name	Used field	Filter
Top 10 blog posts of all time	`Posts[Title]` `Traffic[DateTime]`	*None*
Top 10 blog posts from the last seven days	`Posts[Title]` `Traffic[DateTime]`	`Traffic[DateTime]` is in the last 7 days
Blog visits over time	`Traffic[DateTime]` `Traffic[URL Visited]`	`Traffic[URL Visited]` contains "blog"
Blog visits over time	`Traffic[DateTime]` `Traffic[URL Visited]`	`Traffic[URL Visited]` contains "blog"
Top 10 external referrals to the blog of all time	`Traffic[Referring URL]`	`Traffic[URL Visited]` contains "blog" AND `Traffic[Referring URL]` does not start with "/"

The dataset takes a long time to refresh.
You need to modify Posts and Traffic queries to reduce toad times.
Which two actions will reduce the toad times? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Remove the rows m Traffic in which Traffic [Referring URL] does not start with "/"
B. Remove the rows in Posts in which Post [Publish Date] is in the last seven days.
C. Remove Traffic [IP Address], Traffic (Browser Agent], and Traffic [Referring URL).
D. Remove Posts [Full Text] and Posts [Summary].
E. Remove the rows in Traffic in which Traffic [URL visited] does not contain "blog"

Answer: DE

NEW QUESTION 244
- (Exam Topic 4)
You have four sales regions. Each region has multiple sales managers.

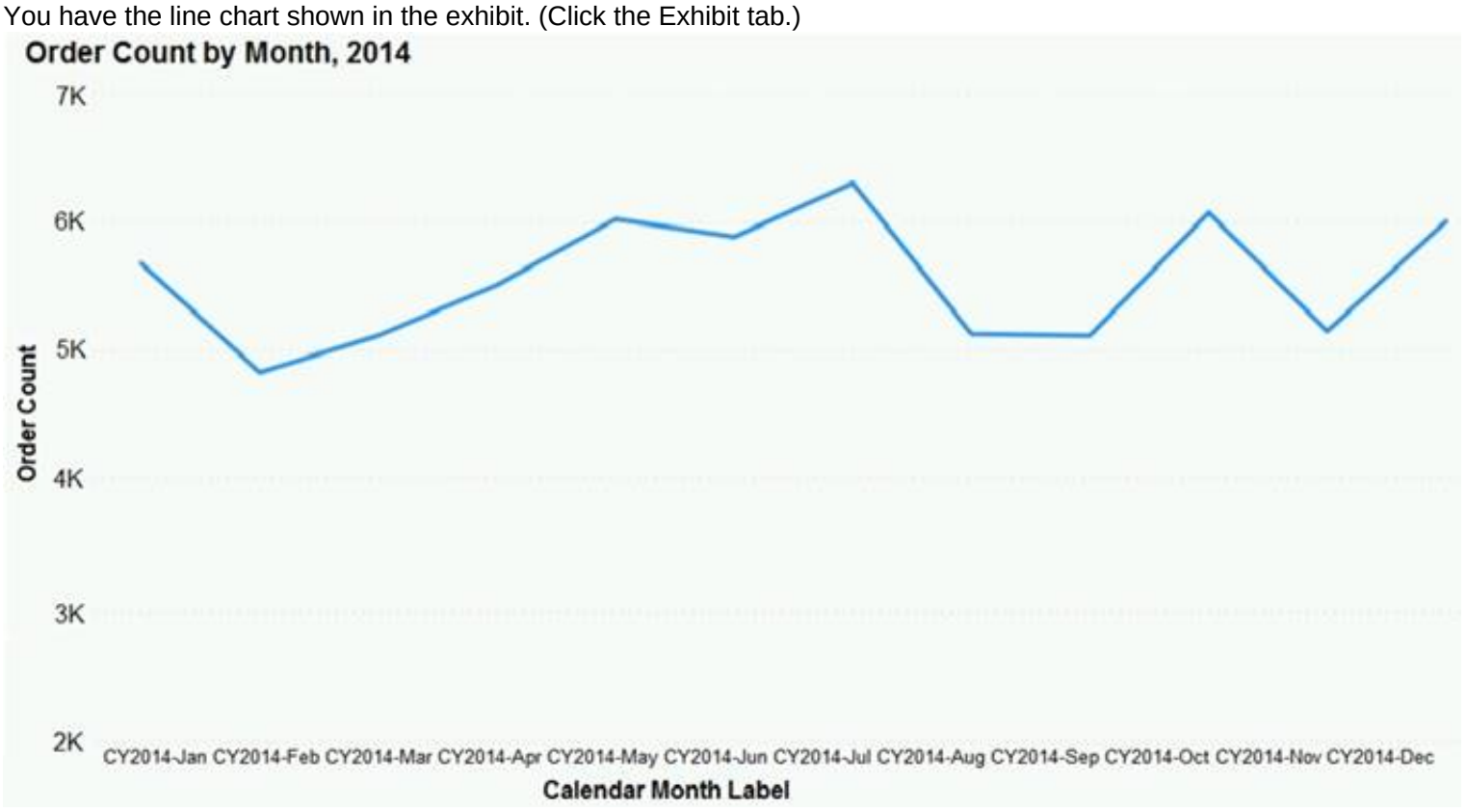
You implement row-level security (RLS) in a data model. You assign the relevant distribution lists to each role.
You have sales reports that enable analysis by region. The sales managers can view the sales records of their region. The sales managers are prevented from viewing records from other regions.
A sales manager changes to a different region.
You need to ensure that the sales manager can see the correct sales data. What should you do?

A. From Microsoft Power Bl Desktop, edit the Row-Level Security setting for the reports.
B. Change the Microsoft Power Bl license type of the sales manager.
C. Manage the permissions of the underlying dataset
D. Request that the sales manager be added to the correct Azure Active Directory group.

Answer: D

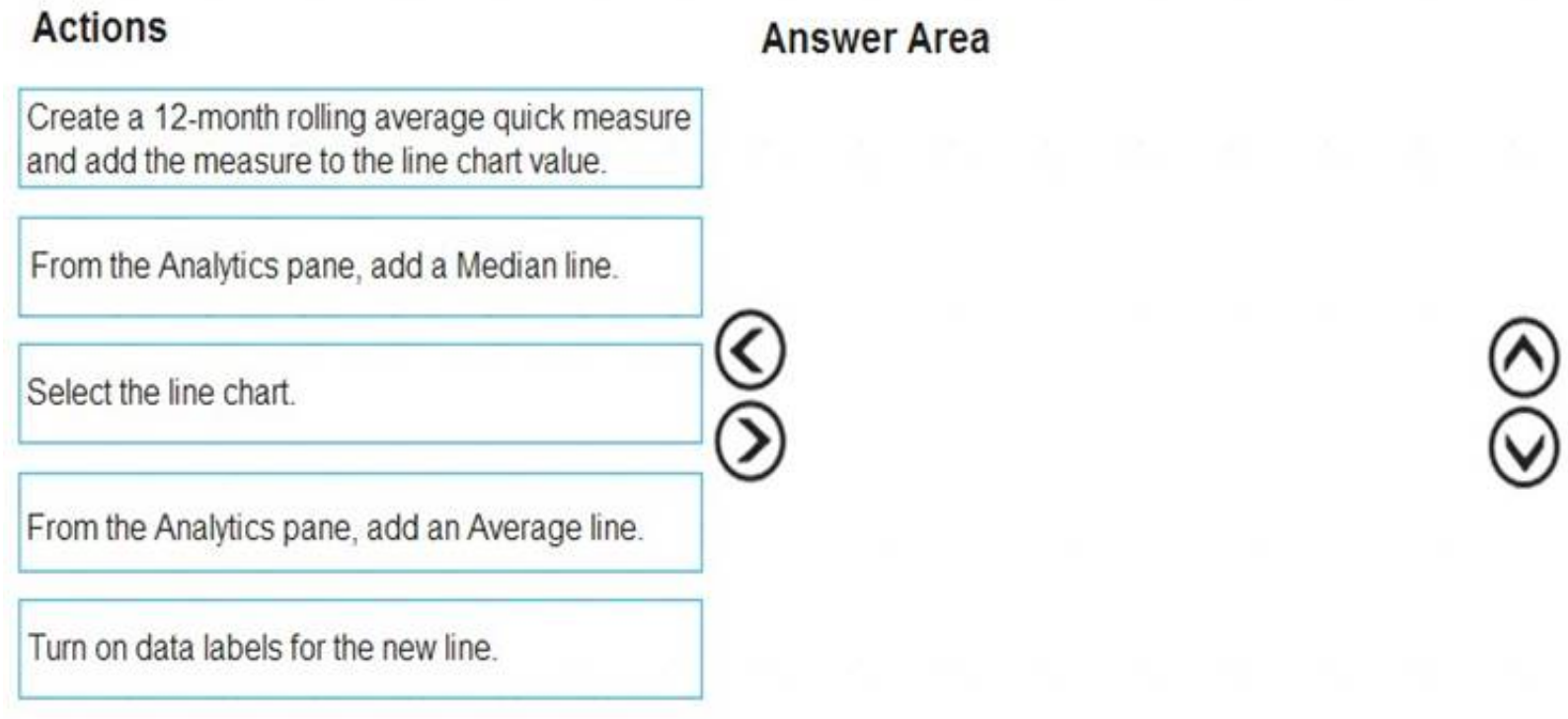
Explanation:
Using AD Security Groups, you no longer need to maintain a long list of users.
All that you will need to do is to put in the AD Security group with the required permissions and Power BI will do the REST! This means a small and simple security file with the permissions and AD Security group.
Note: Configure role mappings
Once published to Power BI, you must map members to dataset roles.
Members can be user accounts or security groups. Whenever possible, we recommend you map security groups to dataset roles. It involves managing security group memberships in Azure Active Directory. Possibly, it delegates the task to your network administrators.
Reference:
https://www.fourmoo.com/2018/02/20/dynamic-row-level-security-is-easy-with-active-directory-security-group https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance

NEW QUESTION 249
- (Exam Topic 4)
You have the line chart shown in the exhibit. (Click the Exhibit tab.)



You need to modify the chart to meet the following requirements:
- Identify months that have order counts above the mean.
- Display the mean monthly order count.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered

B. Not Mastered

Answer: A

Explanation:
* 1. Select the line chart
* 2. Add the average line
* 3. Turn on Data Label

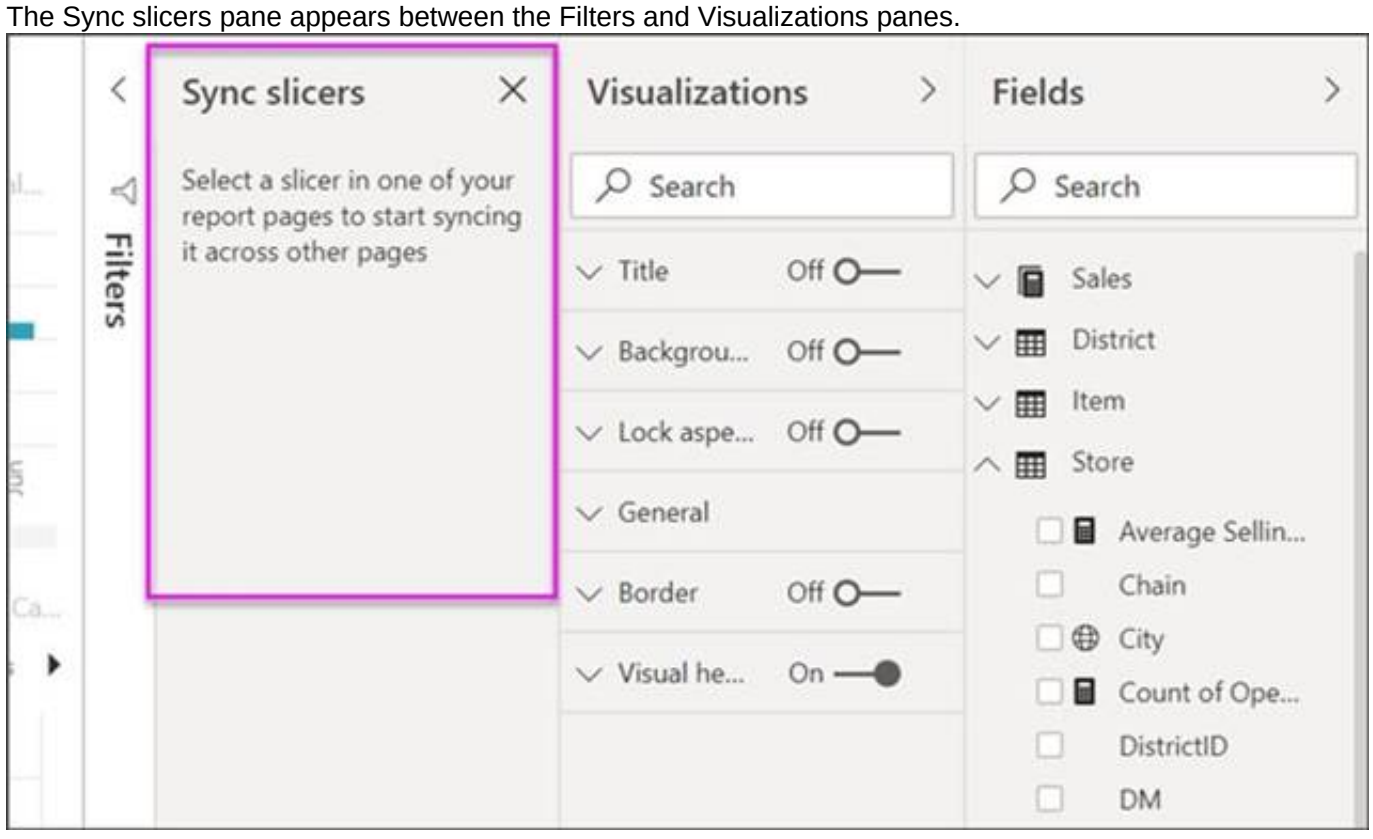
NEW QUESTION 251
- (Exam Topic 4)
You have a report that contains four pages. Each page contains slicers for the same four fields. Users report that when they select values on a slicer on one page, the visuals are not updated on all the pages. You need to recommend a solution to ensure that users can select a value once to filter the results on all the pages. What are two possible recommendations to achieve this goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Sync the slicers across the pages.
B. Replace the slicers with page-level filters.
C. Replace the slicers with visual-level filters.
D. Create a bookmark for each slicer value.
E. Replace the slicers with report-level filters.

Answer: AE

Explanation:
Add a report-level filter to filter an entire report.
The visuals on the active page, and on all pages in the report, change to reflect the new filter. You can sync a slicer and use it on any or all pages in a report.
* 1. On the Power BI Desktop View menu, select Sync slicers.

The Sync slicers pane appears between the Filters and Visualizations panes.



Reference:
https://docs.microsoft.com/en-us/power-bi/create-reports/power-bi-report-add-filter https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-slicers

NEW QUESTION 255
- (Exam Topic 4)
You are creating a Microsoft Power Bl model that has two tables named CityData and Sales. CityData contains only the data shown in the following table.

State (CityData)	City	Population (million)
CA	Los Angeles	4.00
CA	San Francisco	0.90
New York	New York	8.50
WA	Seattle	0.70
WA	Spokane	0.20

Sales contains only the data shown in the following table.

State (Sales)	Type	Sales
CA	Internet	60
CA	Store	80
TX	Store	400
WA	Internet	150
WA	Store	100

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
In the Sales table, you can write a DAX expression that uses the `RELATED()` function to get data from the CityData table.	○	○
A DAX expression of `Sales total =CALCULATE(SUM(Sales[Sales]),ALL(Sales))` will produce the correct total sales value for each state, based on the data model.	○	○
A table visualization that uses `CityData[State]` and `Sales[Sales]` will contain sales from the state of TX.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text Description automatically generated
Box 1: Yes
The Related function returns a related value from another table.
The RELATED function requires that a relationship exists between the current table and the table with related information. You specify the column that contains the data that you want, and the function follows an existing many-to-one relationship to fetch the value from the specified column in the related table. If a relationship does not exist, you must create a relationship.
Box 2: Yes
Box 3: No
TX only occurs in the Sales table, but not in the CityData table. Reference:
https://docs.microsoft.com/en-us/dax/related-function-dax https://docs.microsoft.com/en-us/dax/calculate-function-dax

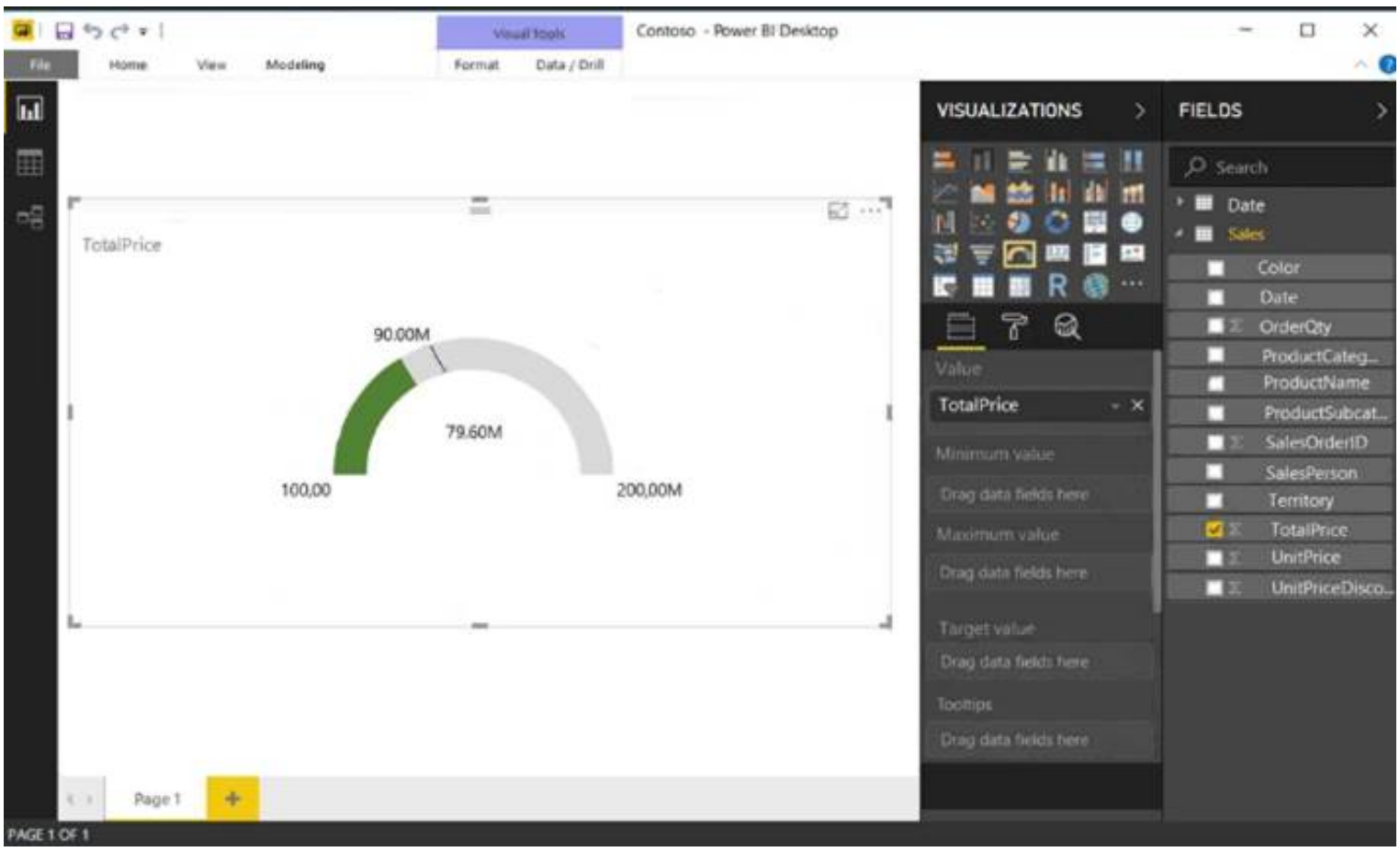
NEW QUESTION 256
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a Microsoft Excel workbook that is saved to Microsoft SharePoint Online. The workbook contains several Power View sheets.
You need to recreate the Power View sheets as reports in the Power BI service.
Solution: From the Power BI service, get the data from SharePoint Online, and then click Connect Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
We need to click "Import", not "Connect". References:
https://docs.microsoft.com/en-us/power-bi/service-excel-workbook-files

NEW QUESTION 258
- (Exam Topic 4)
You have a report in Power BI Desktop as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
Note: Each correct selection is worth one point.

The goal is set by using [**answer choice**]. ▼
- a calculated measure
- a DAX formula
- the Format settings

To configure the visualization to display TotalPrice for the Territory of Canada always, you must add the Territory column to [**answer choice**]. ▼
- the Tooltips field
- the Values field
- the Visual level filters field

A. Mastered
B. Not Mastered

Answer: A

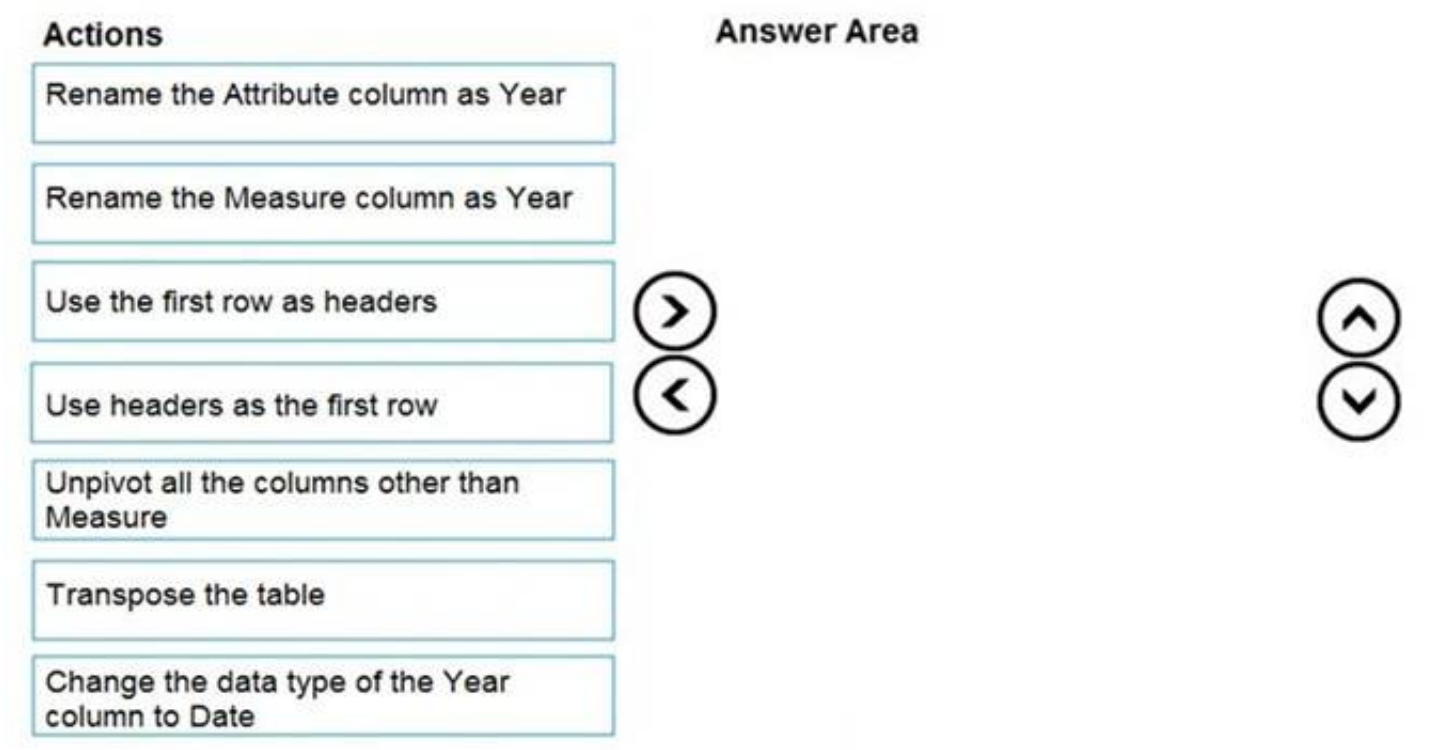
Explanation:
Graphical user interface, text Description automatically generated with medium confidence

NEW QUESTION 261
- (Exam Topic 4)
You are preparing a financial report in Power BI.
You connect to the data stored in a Microsoft Excel spreadsheet by using Power Query Editor as shown in the following exhibit.

	Column1	1.2 Column2	1.2 Column3	1.2 Column4	1.2 Column5	1.2 Column6
1	Measure	2016	2017	2018	2019	2020
2	Revenue	0.5	0.6	0.55	0.61	0.42
3	Overheads	0.11	0.330410907	0.167055779	0.360178153	0.183179995
4	Cost of Goods	0.204388253	0.165848321	0.25	0.17	0.109073918

You need to prepare the data to support the following:
- Visualizations that include all measures in the data over time
- Year-over-year calculations for all the measures

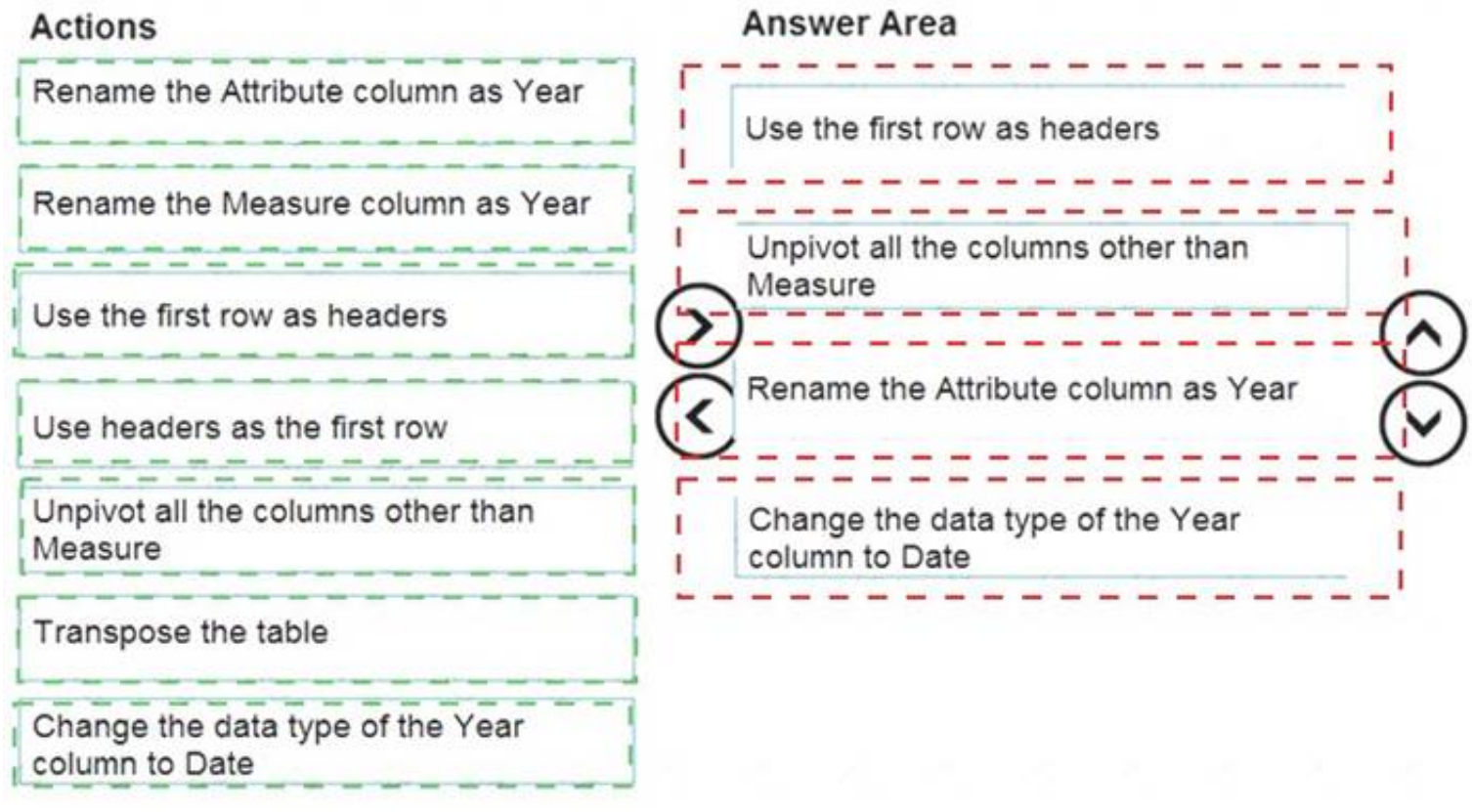
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

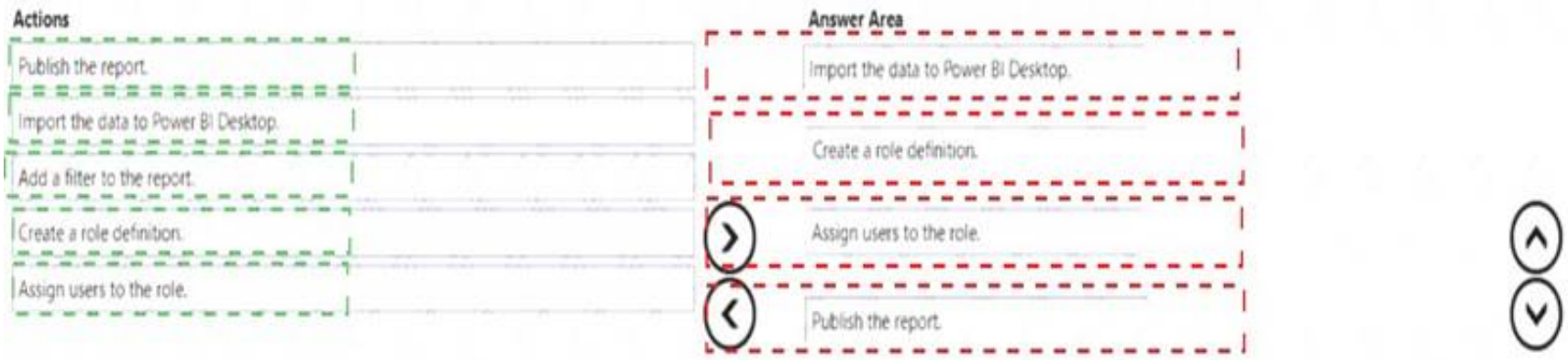


NEW QUESTION 265
- (Exam Topic 4)
You plan to create a report that will display sales data from the last year for multiple regions You need to restrict access to individual rows of the data on a per region-basis by using roles.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

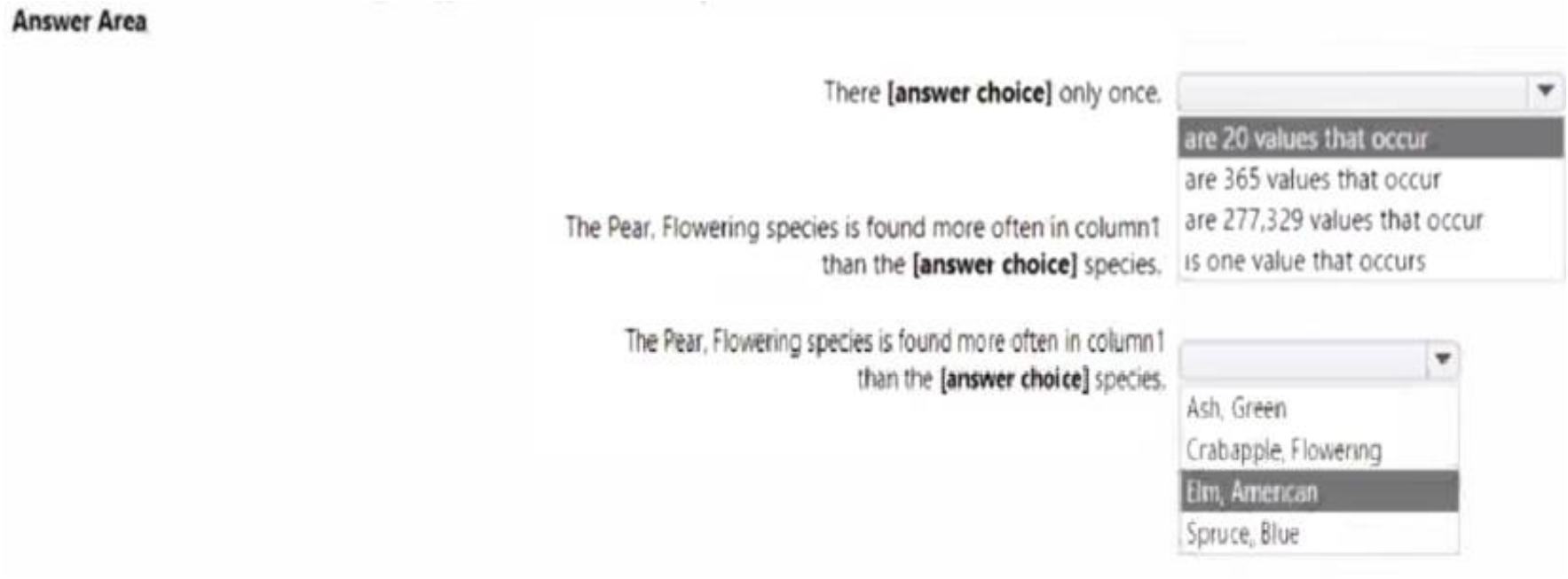
A. Mastered
B. Not Mastered

Answer: A

Explanation:



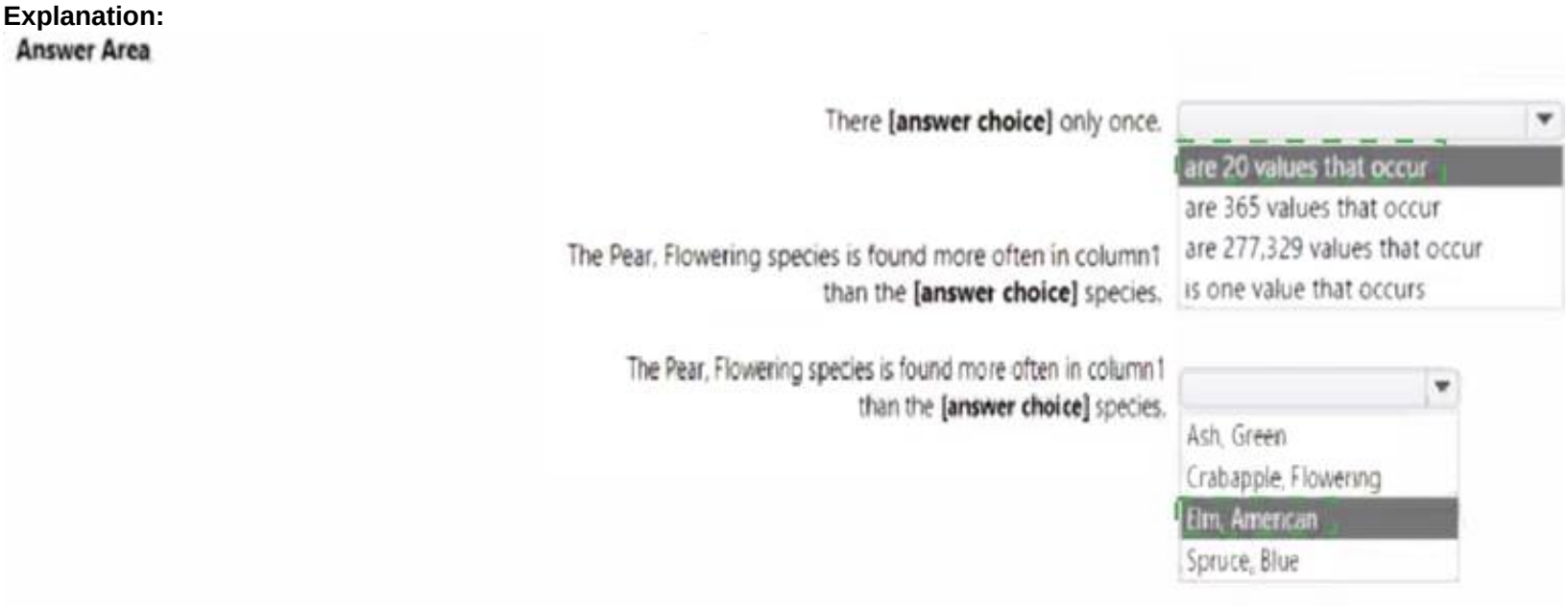
NEW QUESTION 270
- (Exam Topic 4)
You are profiling data by using Power Query Editor.
You have a table that contains a column named column1. Column statistics and Value distribution for column1 are shown in the following exhibit.



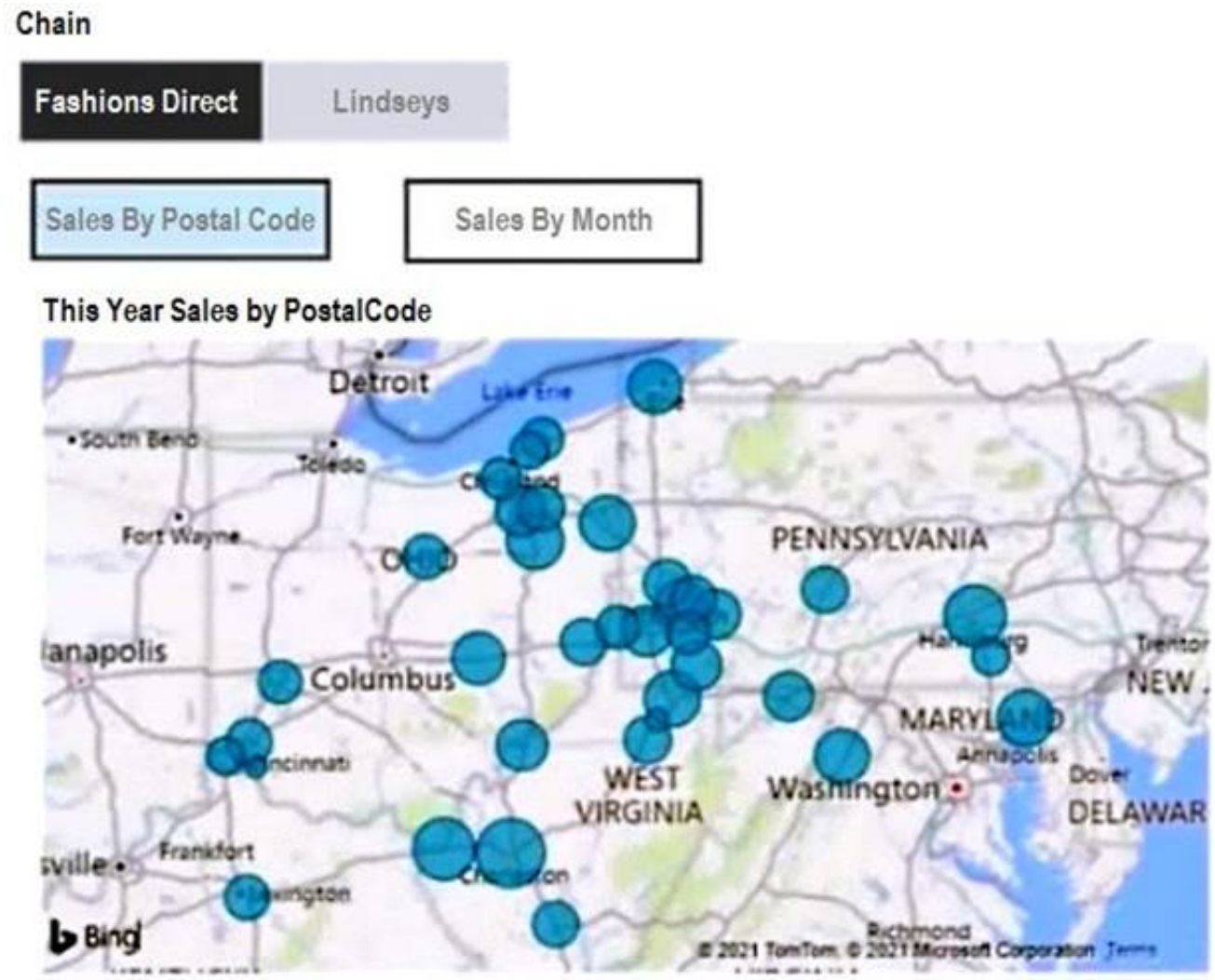
A. Mastered
B. Not Mastered

Answer: A

Explanation:



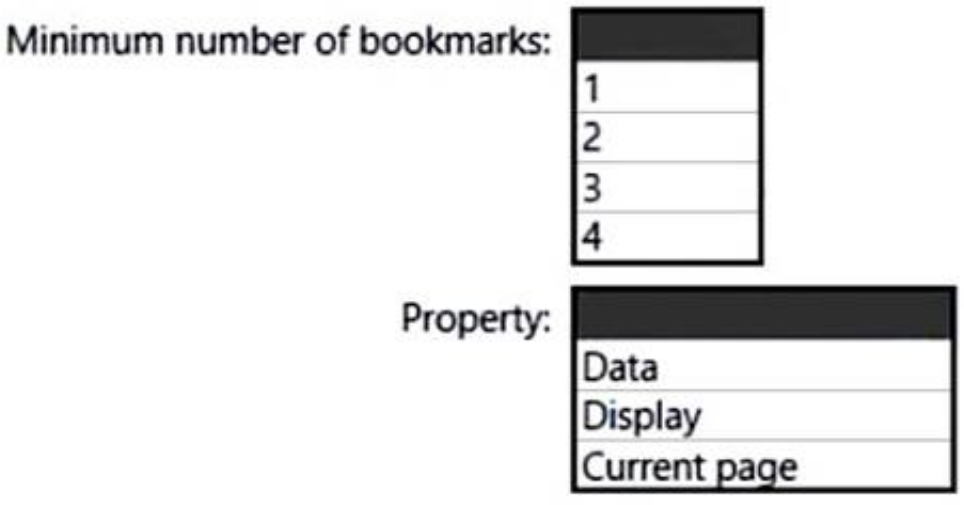
NEW QUESTION 273
- (Exam Topic 4)
You need to create a Power BI report. The first page of the report must contain the following two views:
*Sales By Postal Code
*Sales by Month
Both views must display a slicer to select a value for a field named Chain.
The Sales By Postal Code view must display a map visual as shown in the following exhibit.



The Sales By Month view must display a column chart visual as shown in the following exhibit.

Users must be able to switch between the views by using buttons on the report page. The selected Chain field must be maintained when switching between views.
What is the minimum number of bookmarks required, and which property should you apply to each bookmark? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: 2
Box 2: Display

NEW QUESTION 276
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are modeling data by using Microsoft Power Bl. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.
During the development process, you need to import a sample of the data from the Order table. Solution: You add a WHERE clause to the SQL statement.
Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 279
- (Exam Topic 4)
You are developing a report page. Some users will navigate the report by using a keyboard, and some users will consume the report by using a screen reader.
You need to ensure that the users can consume the content on a report page in a logical order. What should you configure in Microsoft Power Bl Desktop?

A. the bookmark order
B. the layer order
C. the tab order
D. the X position

Answer: C

Explanation:
If you find yourself unable to navigate to an object or visual while using a keyboard, it may be because the report author has decided to hide that object from the tab order. Report authors commonly hide decorative objects from the tab order. If you find that you cannot tab through a report in a logical manner, you should contact the report author. Report authors can set the tab order for objects and visuals.
Reference:
https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-consuming-tools

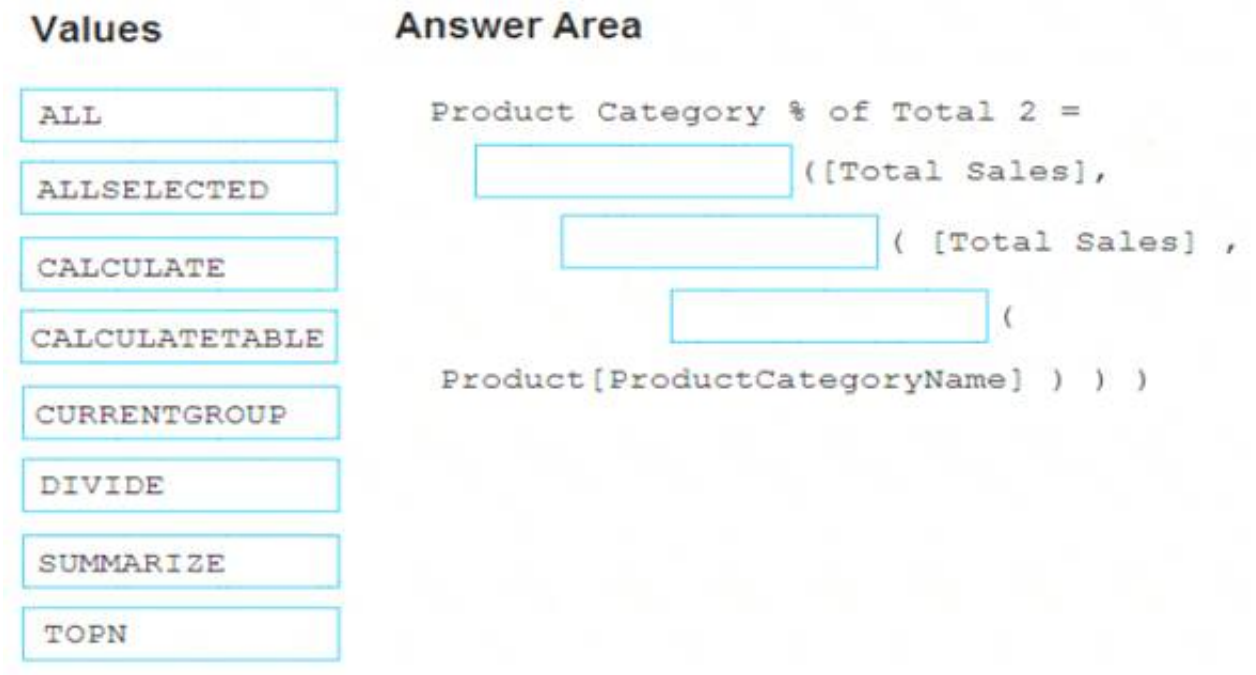
NEW QUESTION 281
- (Exam Topic 4)
You plan to create the Power Bl model shown in the exhibit. (Click the Exhibit tab.) The data has the following refresh requirements:
• Customer must be refreshed daily.
• Date must be refreshed once every three years.
• Sales must be refreshed in near real time.
• SalesAggregate must be refreshed once per week.
You need to select the storage modes for the tables. The solution must meet the following requirements:

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 283
- (Exam Topic 4)
You have a Microsoft Power BI data model that contains three tables named Sales, Product, and Date. The Sales table has an existing measure named [Total Sales] that sums the total sales from the Sales table.
You need to write a calculation that returns the percentage of total sales that a selected ProductCategoryName value represents. The calculation must respect any slicers on ProductCategoryName and must show the percentage of visible total sales. For example, if there are four ProductCategoryName values, and a user filters one out, a table showing ProductCategoryName and the calculation must sum up to 100 percent.
How should you complete the calculation? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Divide, Calculate, AllSelected. Reference:
https://docs.microsoft.com/en-us/dax/allselected-function-dax

NEW QUESTION 287
- (Exam Topic 4)
You have a BI dataset and a connected report.
You need to ensure that users can analyze data in Microsoft Excel by connecting directly to the dataset. You grant the users the Build permission for dataset
What Should do next?

A. Change default visual interaction for the report
B. For the report change the Export data setting to Summarized data, data with current layout and underlying data
C. For the report, change the Export data setting to None
D. Certify the dataset used by the report.

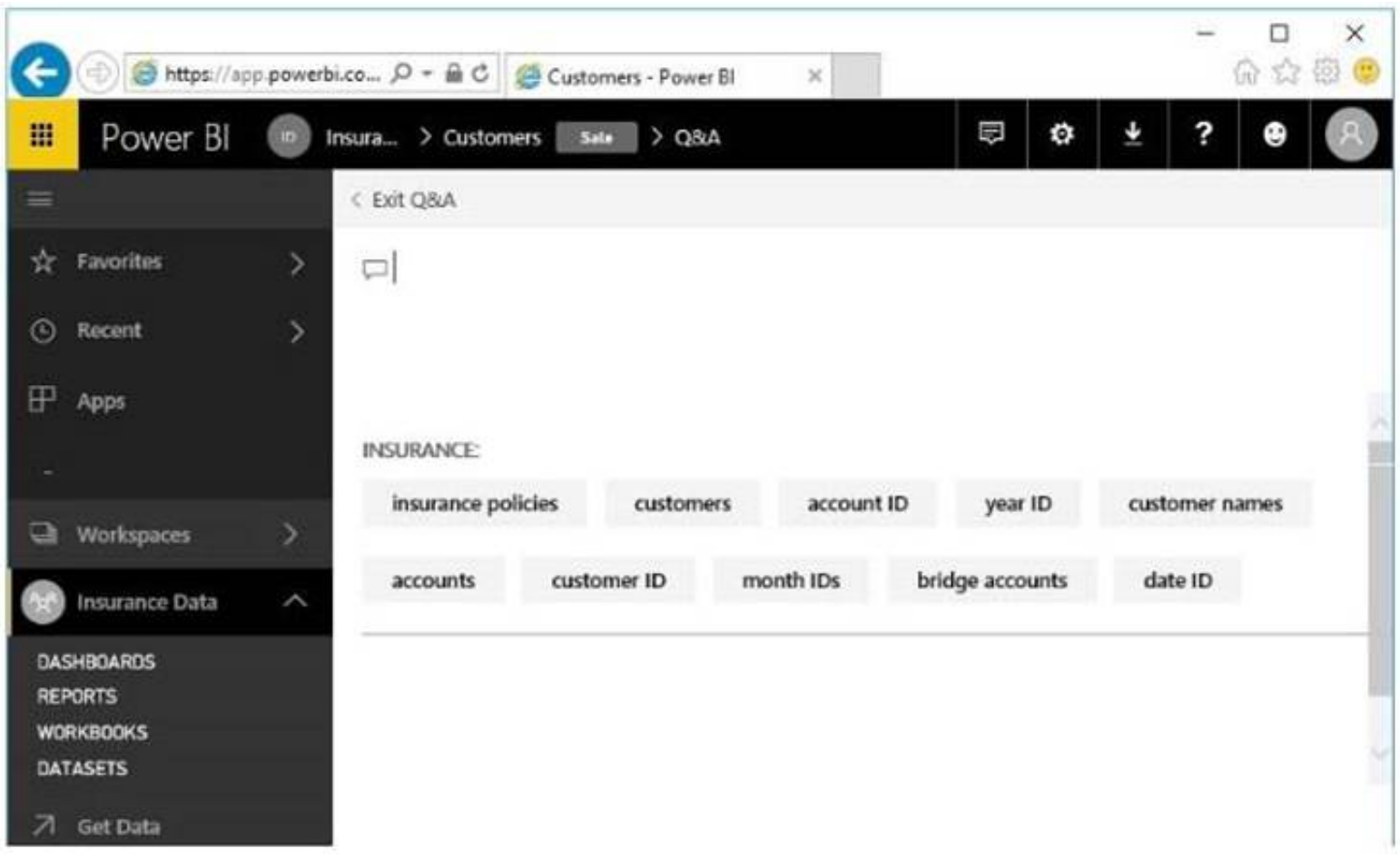
Answer: B

NEW QUESTION 288
- (Exam Topic 4)
Your company plans to completely separate development and production assets such as datasets, reports, and dashboards in Microsoft Power BI.
You need to recommend an application lifecycle strategy. The solution must minimize maintenance to update access and prevent end users from viewing the development assets.
What should you recommend?

A. Create production reports in a separate workspace that uses a shared dataset from the development workspac
B. Grant the end users access to the production workspace.
C. In the same workspace, create separate copies of the assets and append DEV to the names of the copied asset
D. Grant the end users access to the workspace.
E. Create separate workspaces for development and productio
F. Grant the end users access to the production workspace.
G. Create one workspace for developmen
H. From the workspace, publish an app for production.

Answer: C

NEW QUESTION 289
- (Exam Topic 4)
You open powerbi.com as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

A tenant administrator created a data classification that has a shorthand of [answer choice.]

- Customers
- Insurance
- Insurance Data
- Sale

The dashboard uses a dataset named [answer choice].

- Customers
- Insurance
- Insurance Data
- Sale

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, Word, email Description automatically generated
References: https://docs.microsoft.com/en-us/power-bi/service-data-classification

NEW QUESTION 292
- (Exam Topic 4)
You publish a report to a workspace named Customer Services. The report identifies customers that have potential data quality issues that must be investigated by the customer services department of your company.
You need to ensure that customer service managers can create task lists in Microsoft Excel based on the data. Which report setting should you configure?

A. Don't allow end user to save filters on this report.
B. Change default visual interaction from cross highlighting to cross filtering.
C. Enable the updated filter pane, and show filters in the visual header for this report.
D. Allow users to add comments to this report.
E. Choose the type of data you allow your end users to export.

Answer: E

Explanation:
https://powerbi.microsoft.com/en-us/blog/announcing-persistent-filters-in-the-service/

NEW QUESTION 294
- (Exam Topic 4)
You have the Power BI data model shown in the following exhibit.

Table Filter DAX Expression

- [Country]= "USA"
- [Email]= userprincipalname()
- [Manager]= "CFO"
- False()
- True()

Answer Area

Human Resources: DAX Expression

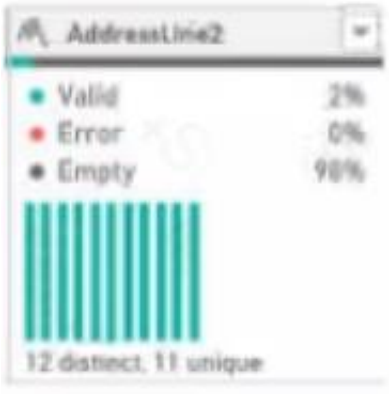
Country: DAX Expression

A. Mastered
B. Not Mastered

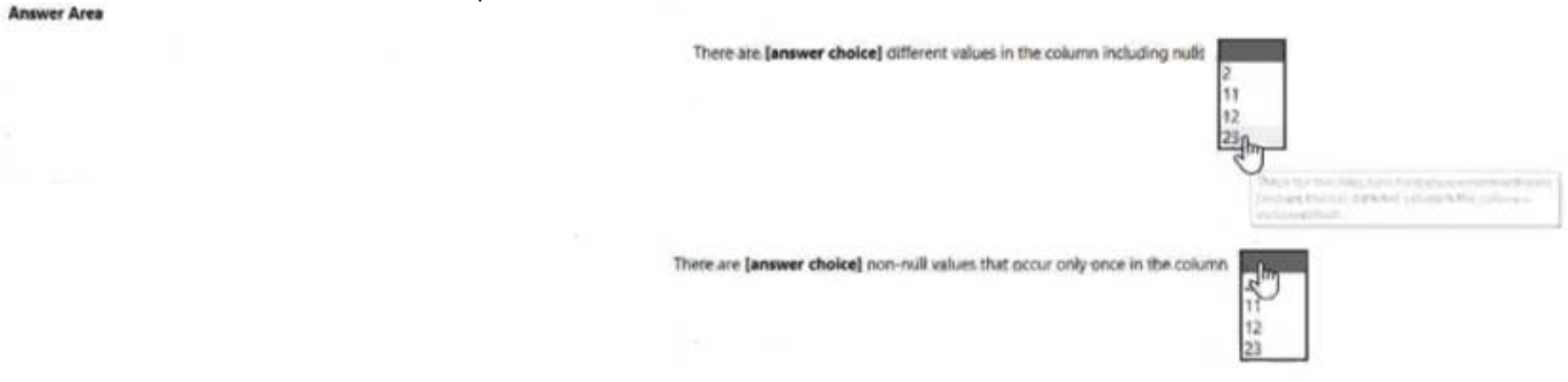
Answer: A

Explanation:

NEW QUESTION 295
- (Exam Topic 4)
You are profiling data by using Power Query Editor.
The AddressLine2 column in a table named Address is shown in the following exhibit.



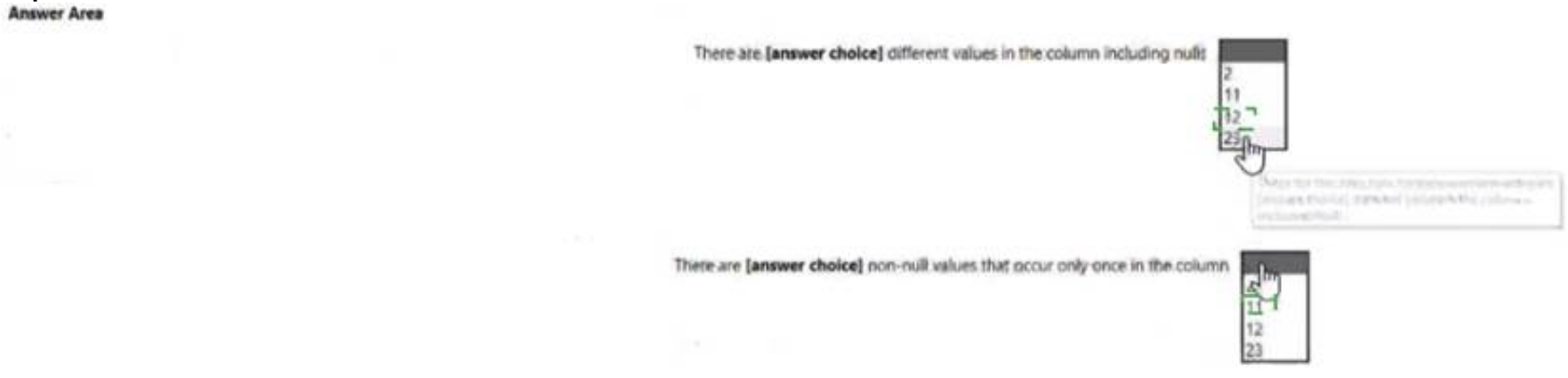
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 300
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a Power BI model that contains two tables named Sales and Date. Sales contains four columns named TotalCost, DueDate, ShipDate, and OrderDate. Date contains one column named Date.
The tables have the following relationships:

- Sales[DueDate] and Date[Date]
- Sales[ShipDate] and Date[Date]
- Sales[OrderDate] and Date[Date]

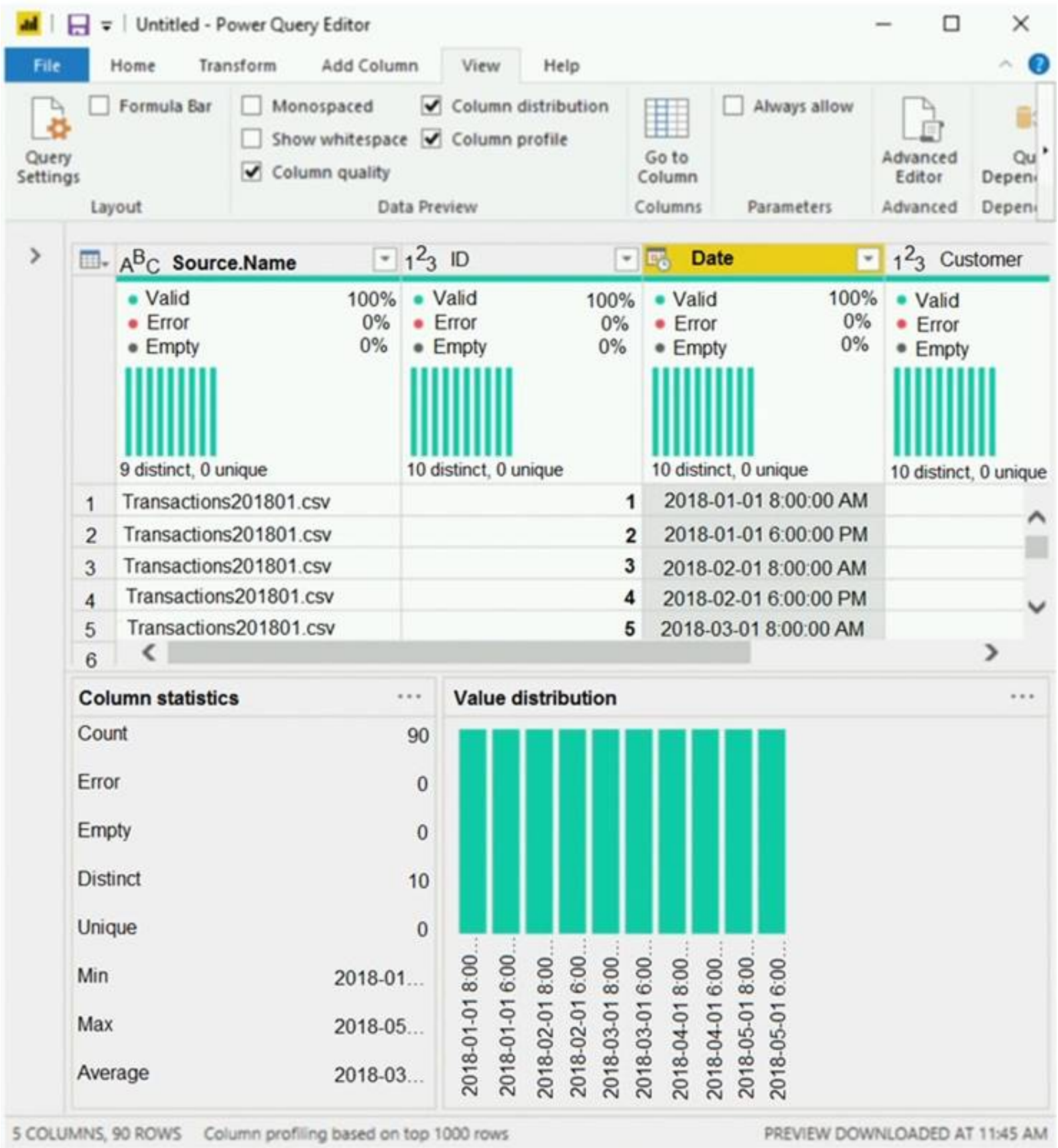
The active relationship is on Sales[DueDate].
You need to create measures to count the number of orders by [ShipDate] and the orders by [OrderDate]. You must meet the goal without duplicating data or loading additional data.
Solution: You create measures that use the CALCULATE, COUNT, and USERELATIONSHIP DAX functions.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
References:
https://docs.microsoft.com/en-us/dax/calculate-function-dax https://docs.microsoft.com/en-us/dax/count-function-dax https://docs.microsoft.com/en-us/dax/userelationship-function-dax

NEW QUESTION 304
- (Exam Topic 4)
You view a query named Transactions as shown in the following exhibit.



The query gets CSV files from a folder.
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

There are **[answer choice]** CSV files: 9 / 10 / 25 / 90 / 1,000

Removing duplicates based on the Date column will reduce the dataset to **[answer choice]** rows: 9 / 10 / 25 / 90 / 1,000

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: 9
9 distinct CSV files.
Box 2: 10
10 distinct dates.
https://pediaa.com/what-is-the-difference-between-unique-and-distinct-in-sql/#:~:text=Unique%20and%20Disti

NEW QUESTION 307
- (Exam Topic 4)
You have a Power B1 model that contains a table named Date. The table has the following columns.

Name	Sample value
Date	2022-06-01
Year	2022
Month Number	6
Month Name	June
Year Month	2022 Jun

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer is below.

```
Month Year Sort = [Year] / 100 + [Month Number]
```

NEW QUESTION 310
- (Exam Topic 4)
You create a data model in Power BI.
Report developers and users provide feedback that the data model is too complex. The model contains the following tables.

Table name	Column name	Data type
Sales_Region	region_id	Integer
	name	Varchar
Region_Manager	region_id	Integer
	manager_id	Integer
Sales_Manager	sales_manager_id	Integer
	name	Varchar
	region_id	Integer
Manager	manager_id	Integer
	name	Varchar

The model has the following relationships:
*There is a one-to-one relationship between Sales_Region and Region_Manager.
*There are more records in Manager than in Region_Manager, but every record in Region_Manager has a corresponding record in Manager.
*There are more records in Sales_Manager than in Sales_Region, but every record in Sales_Region has a corresponding record in Sales_Manager.
You need to denormalize the model into a single table. Only managers who are associated to a sales region must be included in the reports.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

- Merge [Region_Manager] and [Manager] by using an inner join.
- Merge [Sales_Manager] and [Sales_Region] by using a left join.
- Merge [Sales_Region] and [Sales_Manager] by using an inner join.
- Merge [Sales_Region] and [Sales_Manager] by using an inner join as a new query named [Sales_Region_and_Manager].
- Merge [Sales_Region] and [Region_Manager] by using a right join as a new query named [Sales_Region_and_Region_Manager].
- Merge [Sales_Region] and [Region_Manager] by using an inner join.

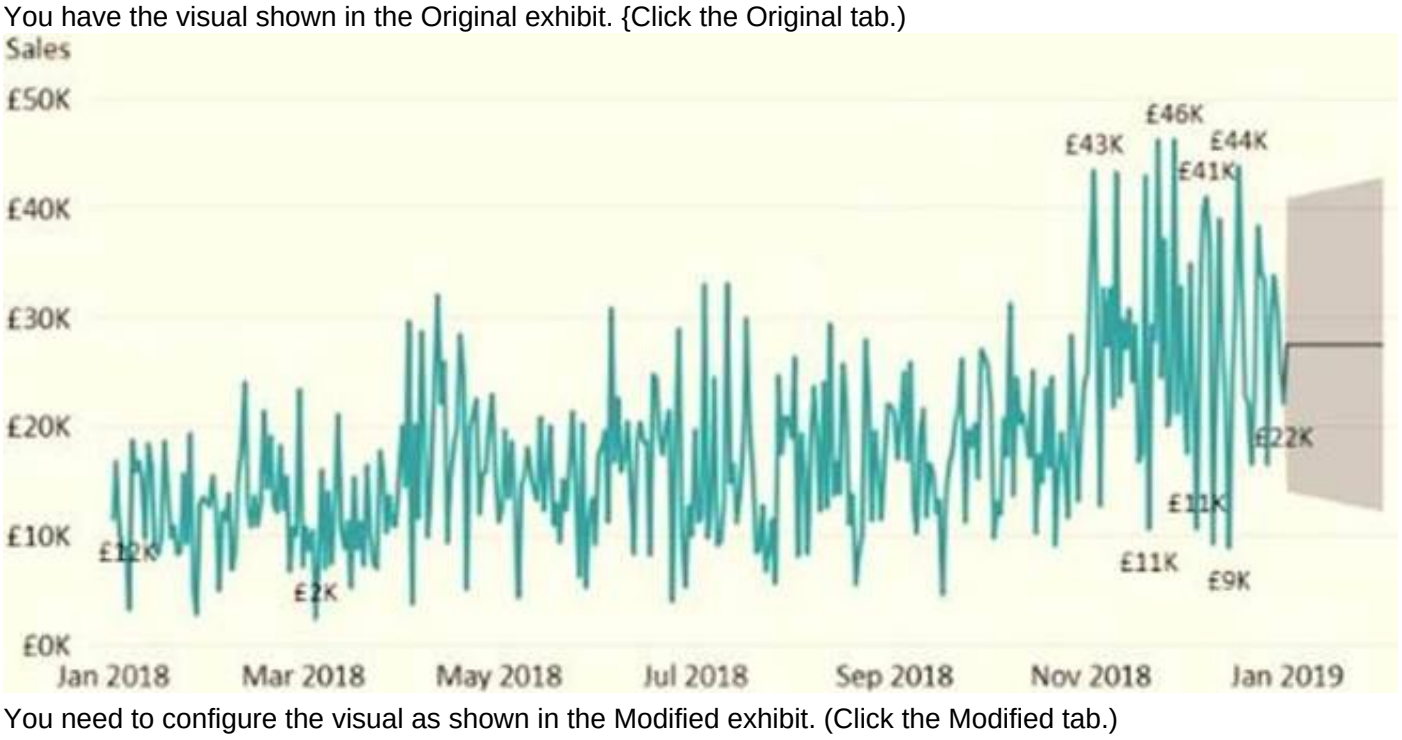
Answer Area

A. Mastered
B. Not Mastered

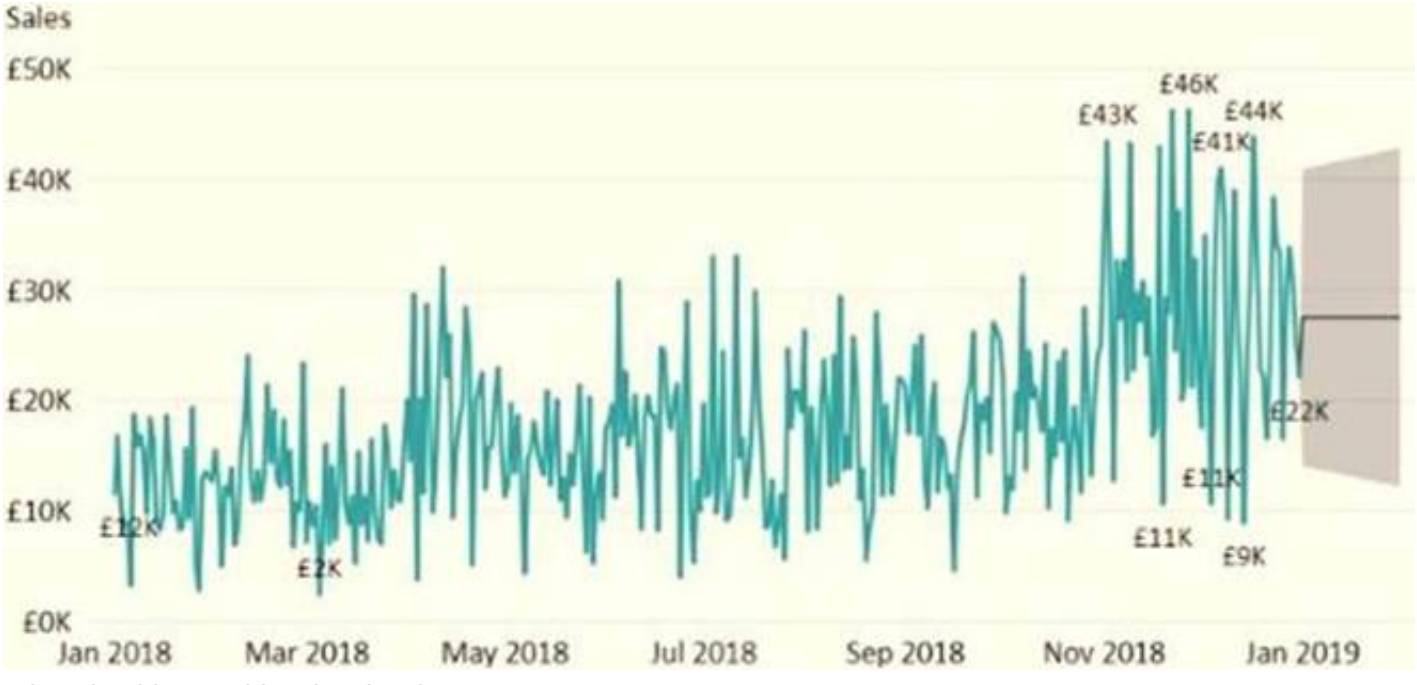
Answer: A

Explanation:
* 1. Merge [Region_Manager] and [Manager] by using an inner join. 3.Merge [Sales_Region] and [Sales_Manager] by using an inner join. 6.Merge [Sales_Region] and [Region_Manager] by using an inner join.

NEW QUESTION 314
- (Exam Topic 4)
You have the visual shown in the Original exhibit. {Click the Original tab.)



You need to configure the visual as shown in the Modified exhibit. (Click the Modified tab.)



What should you add to the visual?

A. a measure
B. a trendline
C. a forecast
D. an Average line

Answer: C

Explanation:
Explore forecast results by adjusting the desired confidence interval or by adjusting outlier data to see how they affect results.
Timeline Description automatically generated with low confidence
Reference:
https://powerbi.microsoft.com/fr-fr/blog/introducing-new-forecasting-capabilities-in-power-view-for-office-365

NEW QUESTION 318
- (Exam Topic 4)
You have an Azure SQL database that contains sales transactions. The database is updated frequently.
You need to generate reports from the data to detect fraudulent transactions. The data must be visible within five minutes of an update.
How should you configure the data connection?

A. Add a SQL statement.
B. Set Data Connectivity mode to DirectQuery.
C. Set the Command timeout in minutes setting.
D. Set Data Connectivity mode to Import.

Answer: B

Explanation:
With Power BI Desktop, when you connect to your data source, it's always possible to import a copy of the data into the Power BI Desktop. For some data sources, an alternative approach is available: connect directly to the data source using DirectQuery.
DirectQuery: No data is imported or copied into Power BI Desktop. For relational sources, the selected tables and columns appear in the Fields list. For multi-dimensional sources like SAP Business Warehouse, the dimensions and measures of the selected cube appear in the Fields list. As you create or interact with a visualization, Power BI Desktop queries the underlying data source, so you're always viewing current data.
Reference:
https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery

NEW QUESTION 322
- (Exam Topic 4)
A business intelligence (Bl) developer creates a dataflow in Power Bl that uses DirectQuery to access tables from an on premises Microsoft SQL server. The Enhanced Dataflows Compute Engine is turned on for the dataflow.
You need to use the dataflow in a report. The solution must meet the following requirements:
• Minimize online processing operations.
• Minimize calculation times and render times for visuals.
• include data from the current year, up to and including the previous day. What should you do?

A. Create a dataflows connection that has Import mode selected and schedule a dairy refresh.
B. Create a dataflows connection that has DirectQuery mode selected.
C. Create a dataflows connection that has DirectQuery mode selected and configure a gateway connection for the dataset
D. Create a dataflows connection that has Import mode selected and create a Microsoft Power Automate solution to refresh the data hourly.

Answer: A

NEW QUESTION 325
- (Exam Topic 4)
You have two tables named Customers and Invoice in a Power BI model. The Customers table contains the following fields:
- CustomerID
- Customer City
- Customer State

- Customer Name
- Customer Address 1
- Customer Address 2
- Customer Postal Code

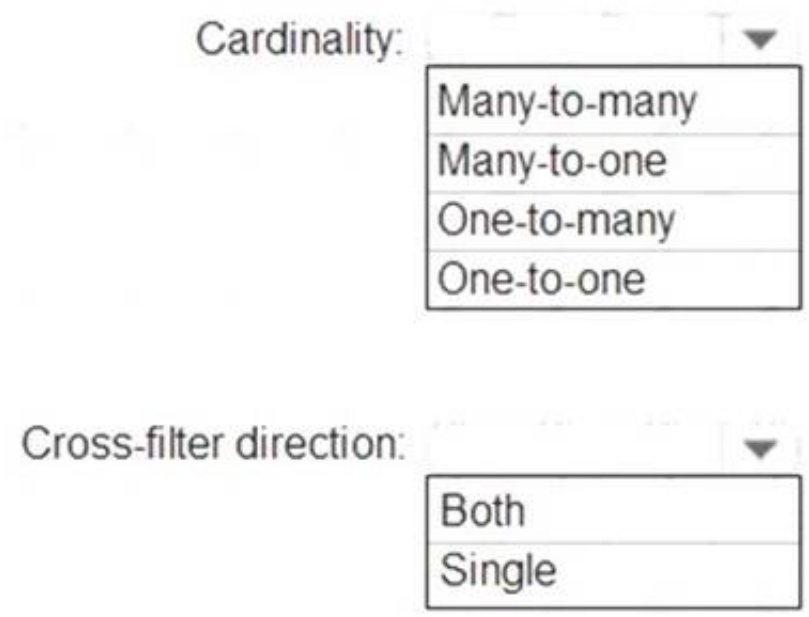
The Invoice table contains the following fields:

- Order ID
- Invoice ID
- Invoice Date
- Customer ID
- Total Amount
- Total Item Count

The Customers table is related to the Invoice table through the Customer ID columns. A customer can have many invoices within one month.
The Power BI model must provide the following information:

- The number of customers invoiced in each state last month
- The average invoice amount per customer in each postal code

You need to define the relationship from the Customers table to the Invoice table. The solution must optimize query performance.
What should you configure? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: One-to-many
A customer can have many invoices within one month.
Box 2: Single
For One-to-many relationships, the cross filter direction is always from the "one" side, and optionally from the "many" side (bi-directional). For
Single cross filter direction means "single direction", and Both means "both directions". A relationship that filters in both directions is commonly described as bi-directional.
Reference:
https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand

NEW QUESTION 328
- (Exam Topic 4)
You have the following three versions of an Azure SQL database:

- Test
- Production
- Development

You have a dataset that uses the development database as a data source.
You need to configure the dataset so that you can easily change the data source between the development, test, and production database servers from powerbi.com.
Which should you do?

A. Create a JSON file that contains the database server name
B. Import the JSON file to the dataset.
C. Create a parameter and update the queries to use the parameter.
D. Create a query for each database server and hide the development tables.
E. Set the data source privacy level to Organizational and use the ReplaceValue Power Query M function.

Answer: B

Explanation:
https://docs.microsoft.com/en-us/learn/modules/create-manage-workspaces-power-bi/4-development-lifecycle-s

NEW QUESTION 331
- (Exam Topic 4)
The data model must support the following analysis:
- Total sales by product by month in which the order was placed
- Quantities sold by product by day on which the order was placed
- Number Of sales transactions by quarter in Which the order was placed

For each Of the following statements, select Yes if the statement is true. Otherwise, select NO.

Statements	Yes	No
Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.	○	○
Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.	○	○
Removing the ShipDate column from the Sales table reduces the model size while still	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.	○	○
Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.	○	○
Removing the ShipDate column from the Sales table reduces the model size while still	○	○

NEW QUESTION 332
- (Exam Topic 4)
You receive annual sales data that must be included in Power Bl reports.
From Power Query Editor, you connect to the Microsoft Excel source shown in the following exhibit.

2	Feb	2	758	773	0
3	Mar	3	37763	570	null
4	Apr	4	8364	9417	null
5	May	5	58256	276	null
6	June	6	6722	235	null
7	July	7	55225	6297	null
8	Aug	8	673	63	null
9	Sep	9	552	357	null
10	Oct	10	7838	24214	null
11	Nov	11	83544	257	null
12	Dec	12	32455	389	null

You need to create a report that meets the following requirements:
• Visualizes the Sales value over a period of years and months
• Adds a slicer for the month
• Adds a slicer for the year

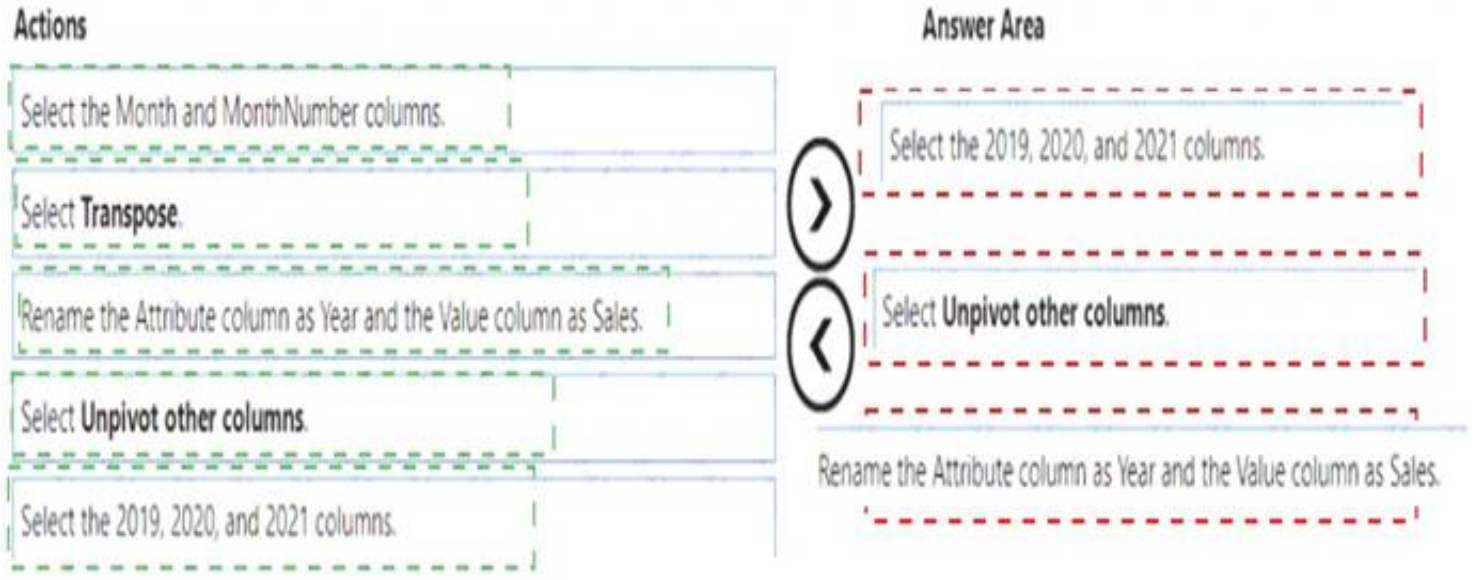
Actions
- Select the Month and MonthNumber columns.
- Select **Transpose**.
- Rename the Attribute column as Year and the Value column as Sales.
- Select **Unpivot other columns**.
- Select the 2019, 2020, and 2021 columns.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 335
- (Exam Topic 4)
You have a large dataset that contains more than 1 million rows. The table has a datetime column named Date.
You need to reduce the size of the data model. What should you do?

A. Round the hour of the Date column to startOfHour.
B. Change the data type of the Date column to Text.
C. Trim the Date column.
D. Split the Date column into two columns, one that contains only the time and another that contains only the date.

Answer: D

Explanation:
We have to separate date & time tables. Also, we don't need to put the time into the date table, because the time is repeated every day.
Split your DateTime column into a separate date & time columns in fact table, so that you can join the date to the date table & the time to the time table. The time need to be converted to the nearest round minute or second so that every time in your data corresponds to a row in your time table.
Reference:
https://intellipaat.com/community/6461/how-to-include-time-in-date-hierarchy-in-power-bi

NEW QUESTION 336
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.
You need to create a reference line to show which employees are above the median salary. Solution: You create a median line by using the Salary measure.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.
Reference:
https://dash-intel.com/powerbi/statistical_functions_median.php

NEW QUESTION 337
- (Exam Topic 4)
You have a dataset named Pens that contains the following columns:
- Unit Price
- Quantity Ordered

You need to create a visualization that shows the relationship between Unit Price and Quantity Ordered. The solution must highlight orders that have a similar unit price and ordered quantity.
Which type of visualization and which feature should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Visualization:
- A column chart of Quantity Ordered and Unit Price by year
- A line chart of Quantity Ordered and Unit Price by item
- A scatter plot of Quantity Ordered and Unit Price by item

Feature:
- Automatically find clusters
- Explain the decrease
- Find where the distribution is different

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: A scatter plot...
A scatter chart always has two value axes to show: one set of numerical data along a horizontal axis and another set of numerical values along a vertical axis. The chart displays points at the intersection of an x and y numerical value, combining these values into single data points. Power BI may distribute these data points evenly or unevenly across the horizontal axis. It depends on the data the chart represents.
Box 2: Automatically find clusters
Scatter charts are a great choice to show patterns in large sets of data, for example by showing linear or non-linear trends, clusters, and outliers.
Reference:
https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-scatter

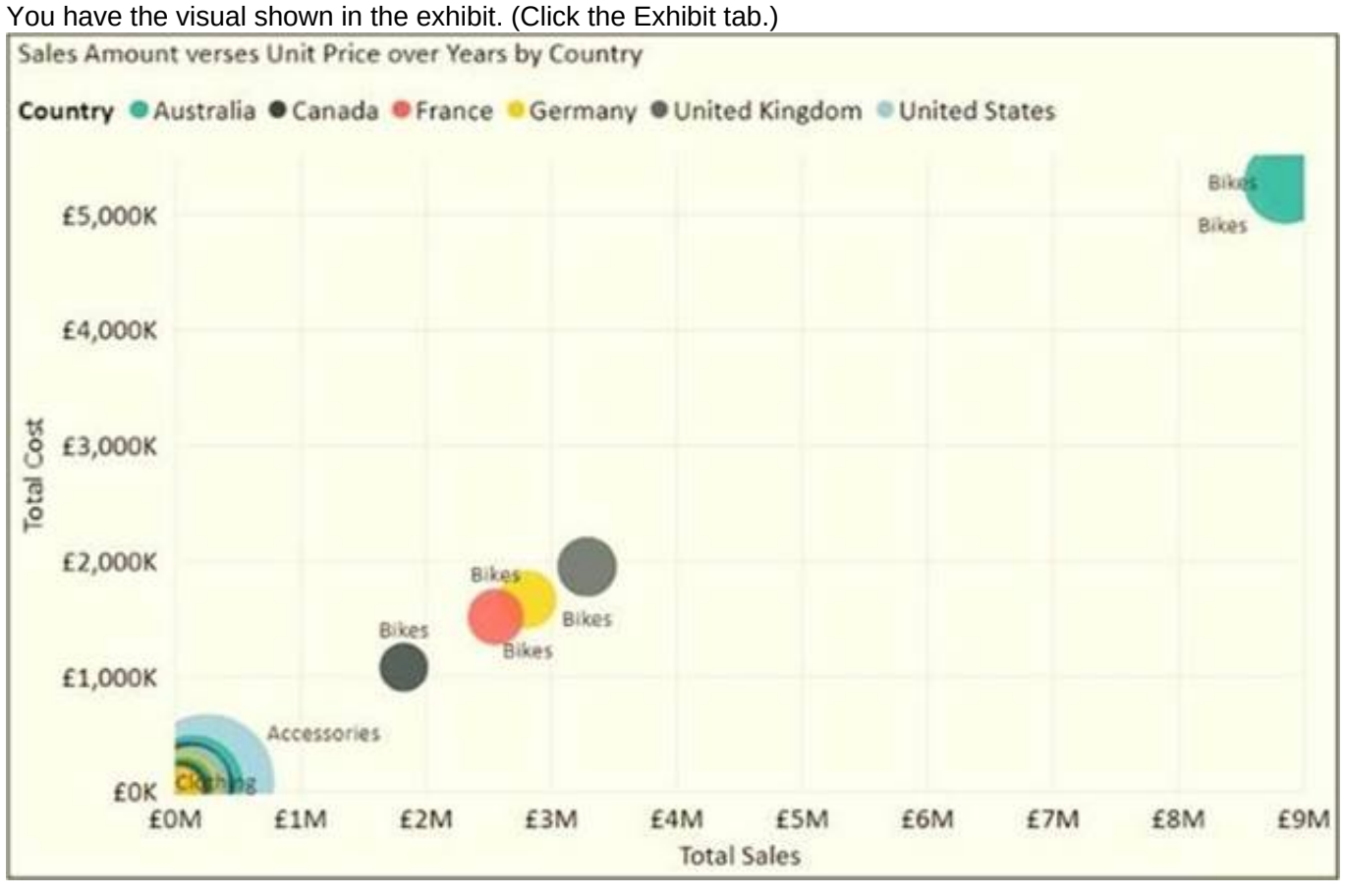
NEW QUESTION 341
- (Exam Topic 4)
You plan to create a dashboard in the Power BI service that retrieves data from a Microsoft SQL Server database. The dashboard will be shared between the users in your organization.
You need to ensure that the users will see the current data when they view the dashboard. How should you configure the connection to the data source?

A. Deploy an on-premises data gateway (personal mode). Import the data by using the Import Data Connectivity mode.
B. Deploy an on-premises data gatewa
C. Import the data by using the Import Data Connectivity mode.
D. Deploy an on-premises data gatewa
E. Import the data by using the DirectQuery Data Connectivity mode.
F. Deploy an on-premises data gateway (personal mode). Import the data by using the DirectQuery Data Connectivity mode.

Answer: D

Explanation:
References:
https://docs.microsoft.com/en-us/power-bi/desktop-directquery-about#power-bi-connectivity-modes

NEW QUESTION 344
- (Exam Topic 4)
You have the visual shown in the exhibit. (Click the Exhibit tab.)



You need to show the relationship between Total Cost and Total Sales over time. What should you do?

A. Add a play axis.
B. Add a slicer for the year.
C. From the Analytics pane, add an Average line.
D. Create a DAX measure that calculates year-over-year growth.

Answer: A

Explanation:
You can set up a date field in play axis, and then scatter chart will animate how measure values are compared to each other in each point of a time.
Reference:
https://radacad.com/storytelling-with-power-bi-scatter-chart

NEW QUESTION 349
- (Exam Topic 4)
You have a Power Bi report for the procurement department. The report contains data from the following tables.

Table name	Source	Description	Column name	Approximate record count
Suppliers	Microsoft Dynamics 365	A list of all the suppliers approved for use by the company.	• ID • Name • Country	100,000
LineItems	Microsoft Dynamics 365	All individual purchases made by employees across the company. An average of five line items per invoice.	• ID • Invoice ID • Invoice Date • Supplier ID • Description • Units • Price per Unit • Discount • Price	1,000,000,000

There is a one-to-many relationship from Suppliers to Lineitems that uses the ID and Supplier ID columns. The report contains the visuals shown in the following table.

Name	Used field	Filter

Supplier usage by count and value of invoices	`Suppliers[ID]`
	`Suppliers[Name]`
	`LineItems[Invoice ID]`
	`LineItems[Price]`
		None

Spend by supplier location	`Suppliers[Country]` `LineItems[Price]`	*None*
Top 10 largest invoices last month	`LineItems[Invoice ID]` `LineItems[Price]`	`LineItems[Invoice Date]` in last calendar month

You need to minimize the size of the dataset without affecting the visuals. What should you do?

A. Remove the rows from Lineitems where LineItems[invoice Date] is before the beginning of last month
B. Merge Suppliers and Uneltems.
C. Group Lineltems by Lineitems[invoice id) and Lineitems[invoice Date) with a sum of Lineitems(price).
D. Remove the Lineitems[Description] column.

Answer: D

NEW QUESTION 354
- (Exam Topic 4)
You need to create a measure that will return the percentage of late orders.
How should you complete the DAX expression? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

```
Late Orders Percent =
VAR OrderCount =
    COUNTROWS ( 'Orders' )
VAR LateOrders =
    CALCULATE
        COUNTROWS ( 'Orders' ),
        FILTER ( Orders, Orders[ShippedDate] > Orders[RequiredDate] )
    )
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

```
Late Orders Percent =
VAR OrderCount =
    COUNTROWS ( 'Orders' )
VAR LateOrders =
    CALCULATE
        COUNTROWS ( 'Orders' ),
        FILTER ( Orders, Orders[ShippedDate] > Orders[RequiredDate] )
    )
```

NEW QUESTION 356
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have several reports and dashboards in a workspace.
You need to grant all organizational users read access to a dashboard and several reports.
Solution: You create an Azure Active Directory group that contains all the users. You share each report and dashboard to the group.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Statements and questions are tricky and confusing. When the access is granted for the group (all users) for ALL (each) dashboards and ALL (each) reports in the workspace, then the will have read access to the specific (A, one) Dashboard and several reports, because they are part of all dashboards and reports. There is no statement, that for the other dashboards (except the one) and the other reports (except the several) that access must be prevented. They are also accessible (maybe it is not desired but not stated here).

NEW QUESTION 360
.....

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