



Google

Exam Questions Generative-AI-Leader

Google Cloud Certified - Generative AI Leader Exam

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NEW QUESTION 1

A data science team needs a centralized and organized location to store its various model versions, track their metadata, and easily deploy them to the respective applications. What Google Cloud service should they use?

- A. Cloud Storage
- B. Model Registry
- C. BigQuery
- D. Vertex AI Pipelines

Answer: B

NEW QUESTION 2

A company wants to choose a generative AI (gen AI) use case that will be successful and have the most impact. What key factor should they determine first according to Google Cloud-recommended practices?

- A. The availability of pre-trained models that are offered on various cloud computing platforms.
- B. The frequency of updates to the underlying foundation models used by different gen AI platforms.
- C. The specific business problems the company aims to solve and the desired outcomes.
- D. The number of employees who will be trained to use the new gen AI tools.

Answer: C

NEW QUESTION 3

An organization wants granular control over who can use and see their generative AI models and related resources on Google Cloud. Which Google Cloud security offering is specifically for this purpose?

- A. Identity and Access Management
- B. Secure-by-design infrastructure
- C. Security Command Center
- D. Workload monitoring tools

Answer: A

NEW QUESTION 4

A company wants to use an AI agent to automate some tasks. They want everyone to understand the different functions of an AI agent. What is the function of an AI agent in the context of gen AI?

- A. To provide the computational resources needed to train and run gen AI models.
- B. To store and manage large datasets used for training and running gen AI models.
- C. To provide a user-friendly interface for interacting with gen AI models.
- D. To analyze situations, use multiple tools, and make informed decisions without requiring constant human input.

Answer: D

NEW QUESTION 5

A company wants to use generative AI to create a chatbot that can answer customer questions about their products and services. They need to ensure that the chatbot only uses information from the company's official documentation. What should the company do?

- A. Use role prompting.
- B. Adjust the temperature parameter.
- C. Use prompt chaining.
- D. Use grounding.

Answer: D

NEW QUESTION 6

A development team is configuring a generative AI model for a customer-facing application and wants to ensure the generated content is appropriate and harmless. What is the primary function of the safety settings parameter in a generative AI model?

- A. To limit the maximum text length that the model generates by ensuring concise responses.
- B. To determine the number of tokens the model can process at once by influencing the complexity and length of inputs and outputs.
- C. To filter out potentially harmful or inappropriate content from the model's output based on the desired level of filtering.
- D. To control the creativity and randomness of the model's output by adjusting the diversity of word choices.

Answer: C

NEW QUESTION 7

A large multinational corporation with geographically dispersed teams struggles with knowledge silos and inconsistent access to crucial internal information. What is a key business benefit of using Google AgentSpace in this scenario?

- A. Improved IT infrastructure management across offices.
- B. Seamless knowledge sharing and collaboration across internal systems.
- C. Enhanced data encryption and compliance for internal communications.
- D. Automation of employee performance reviews using AI.

Answer: B

NEW QUESTION 8

A company's large learning model (LLM) is producing hallucinations that are a result of the Knowledge cutoff. How does retrieval-augmented generation (RAG) overcome this limitation?

- A. RAG fine-tunes the LLM on specific customer query patterns to improve the speed and efficiency of response generation.
- B. RAG enhances the creative writing capabilities of the LLM to generate more engaging and informative responses.
- C. RAG enables the LLM to retrieve relevant and up-to-date information from knowledge sources.
- D. RAG uses human oversight to ensure accuracy before presenting information to the customer.

Answer: C

NEW QUESTION 9

A company's development team is eager to start building generative AI solutions with Google Cloud, but has limited experience in AI development. They need to launch their gen AI solution quickly. What Google Cloud benefit would help the company achieve their goal?

- A. Google Cloud's pre-trained models and low- and no-code AI tools and services.
- B. Google Cloud's collaborative AI community and support forums connect developers with AI experts.
- C. Google Cloud's comprehensive training materials and tutorials to help developers.
- D. Google Cloud's focus on continuous improvement provides access to the latest AI tools, features, and best practices.

Answer: A

NEW QUESTION 10

A software development team wants to use generative AI (gen AI) to code faster so they can launch their software prototype quicker. What should the team do?

- A. Use gen AI to refactor and optimize existing code.
- B. Use gen AI to suggest code snippets and complete functions.
- C. Use gen AI to automatically generate comprehensive documentation for their code.
- D. Use gen AI to identify potential bugs and security vulnerabilities in their code.

Answer: B

NEW QUESTION 10

A pharmaceutical company's research and development department spends significant time manually reviewing new scientific papers to identify potential drug targets. They need a solution that can answer questions about these documents and provide summarized insights to researchers without requiring extensive coding expertise. What should the organization do?

- A. Use Gemini for Google Workspace to facilitate collaborative document review.
- B. Use Vertex AI Search to index the papers and enable keyword-based searches.
- C. Use Vertex AI AutoML to train a model that classifies papers into predefined research areas.
- D. Use Vertex AI Agent Builder to create a custom AI agent.

Answer: D

NEW QUESTION 11

A global news agency is developing a generative AI tool to quickly summarize breaking news articles as they emerge online. The goal is to provide their audience with rapid updates on fast-developing stories from various global sources. What Google Cloud solution should they use?

- A. Document AI
- B. BigQuery
- C. Vertex AI Natural Language API
- D. Grounding with Google Search

Answer: D

NEW QUESTION 13

An organization needs an AI tool to analyze and summarize lengthy customer feedback text transcripts. You need to choose a Google foundation model with a large context window. What foundation model should the organization choose?

- A. Gemini
- B. CodeGemma
- C. Imagen
- D. Chirp

Answer: A

NEW QUESTION 16

What does Vertex AI Search enable companies to do?

- A. To index and retrieve information from the entire public web, providing a comprehensive view of publicly available data.
- B. To surface the most popular and frequently accessed content based on global user search patterns and trends.
- C. To compare products from numerous online retailers, allowing users to find the best deals and product options across the internet.
- D. To ground LLM responses with first-party data, third-party data, and Google's knowledge graph.

Answer: D

NEW QUESTION 20

A social media platform uses a generative AI model to automatically generate summaries of user-submitted posts to provide quick overviews for other users. While the summaries are generally accurate for factual posts, the model occasionally misinterprets sarcasm, satire, or nuanced opinions, leading to summaries that misrepresent the original intent and potentially cause misunderstandings or offense among users. What should the platform do to overcome this limitation of the AI-generated summaries?

- A. Implement stricter safety settings to filter out potentially misinterpreted content altogether.
- B. Increase the temperature parameter of the model to encourage more varied and less literal interpretations.
- C. Decrease the output length of the summaries to make them more concise.
- D. Incorporate a human-in-the-loop (HITL) review process to refine the summaries.

Answer: D

NEW QUESTION 22

A large e-commerce company with a vast and frequently updated product catalog finds that customers struggle to find products on their website, and support agents spend too much time finding detailed product information. The company wants to improve search accuracy and efficiency for both customers and support. What Google Cloud solution should they use?

- A. Vertex AI Conversation
- B. Vertex AI Natural Language API
- C. Pre-built RAG with Vertex AI Search
- D. Vertex AI Model Garden

Answer: C

NEW QUESTION 25

A company has a machine learning project that involves diverse data types like streaming data and structured databases. How does Google Cloud support data gathering for this project?

- A. Google Cloud provides tools such as Pub/Sub, Cloud Storage, and Cloud SQL.
- B. The Gemini app is the primary Google Cloud tool for directly collecting data.
- C. Google Cloud's strengths are in the data analysis tools such as BigQuery.
- D. Google Cloud relies on Vertex AI to connect to external data.

Answer: A

NEW QUESTION 26

A retail company with a large online catalog wants to improve customer experience and drive sales by implementing multimodal search capabilities (image, voice, and text). What is a primary business benefit of this capability?

- A. Improved customer engagement and product discovery leading to increased satisfaction and potential sales.
- B. Reduced dependency on keyword optimization for product listings and improved search engine rankings.
- C. Lowered operational costs associated with managing and updating product information across different platforms and channels.
- D. Streamlined inventory management processes and more accurate demand forecasting for popular items.

Answer: A

NEW QUESTION 27

What is a characteristic of Google Cloud as a generative AI company?

- A. Google Cloud provides fully autonomous AI agents that require zero configuration or management overhead.
- B. Google Cloud has an AI-first focus that enables innovation, with continuous updates and broad integration across its platform.
- C. Google Cloud ensures that all generative AI models and data are completely secured and isolated from external networks.
- D. Google Cloud relies on proprietary, closed-source AI technologies for maximum security benefits.

Answer: B

NEW QUESTION 28

The office of the CISO wants to use generative AI (gen AI) to help automate tasks like summarizing case information, researching threats, and taking actions like creating detection rules. What agent should they use?

- A. Security agent
- B. Data agent
- C. Code agent
- D. Customer service agent

Answer: A

NEW QUESTION 29

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