



Google

Exam Questions Generative-AI-Leader

Google Cloud Certified - Generative AI Leader Exam

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NEW QUESTION 1

A logistics company wants to use a generative AI (gen AI) agent to automatically check real-time inventory levels across its warehouses and adjust delivery schedules. The gen AI agent needs access to internal inventory data. They want the most cost-effective solution. What should the organization do?

- A. Build a custom API instead of using the gen AI agent.
- B. Use pre-built gen AI chatbots for inventory questions.
- C. Use Vertex AI Studio to fine-tune a model with sample inventory data.
- D. Use Google Cloud databases and Vertex AI for the agent to get live data.

Answer: D

NEW QUESTION 2

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 3

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 4

What is an example of unsupervised machine learning?

- A. Analyzing customer purchase patterns to identify natural groupings.
- B. Training a system to recognize product images using labeled categories.
- C. Predicting subscription renewal based on past renewal status data.
- D. Forecasting sales figures using historical sales and marketing spend.

Answer: A

NEW QUESTION 5

What is a primary benefit of using a multi-agent system?

- A. To simplify the most basic and repetitive rule-based tasks.
- B. To consolidate all unique AI functions into a single, undifferentiated model.
- C. To serve as a platform for hosting traditional, non-AI applications.
- D. To manage complex tasks that demand coordinated AI functions.

Answer: D

NEW QUESTION 6

A research team has collected a large dataset of sensor readings from various industrial machines. This dataset includes measurements like temperature, pressure, vibration levels, and electrical current, recorded at regular intervals. The team has not yet assigned any labels or categories to these readings and wants to identify potential anomalies, malfunctions, or natural groupings of machine behavior based on the sensor data alone. What type of machine learning should they use?

- A. Reinforcement learning
- B. Unsupervised learning
- C. Deep learning
- D. Supervised learning

Answer: B

NEW QUESTION 7

A human resources team is implementing a new generative AI application to assist the department in screening a large volume of job applications. They want to ensure fairness and build trust with potential candidates. What should the team prioritize?

- A. Integrating the AI application with various job boards to maximize candidate reach.
- B. Focusing on minimizing the processing time for each application to improve efficiency.
- C. Ensuring AI operates transparently, especially regarding application evaluation and data usage.
- D. Ensuring that the AI application can automatically rank all candidates without requiring human review.

Answer: C

NEW QUESTION 8

A company is defining their generative AI strategy. They want to follow Google- recommended practices to increase their chances of success. Which strategy should they use?

- A. Rapid implementation strategy
- B. Bottom-up strategy
- C. Multi-directional strategy
- D. Top-down strategy

Answer: D

NEW QUESTION 9

A highly regulated financial institution wants to use Gemini as the core decision engine for a loan approval system that will deterministically approve or reject loan applications based on a strict set of predefined criteria. Why is this an inappropriate use case for Gemini?

- A. Gemini cannot integrate with required financial databases.
- B. Gemini is not equipped to handle structured numerical data for financial assessments.
- C. Gemini is designed for flexible content generation and inference, not rigid rule-based decisions.
- D. Gemini deployment for this scenario would be too expensive and complex.

Answer: C

NEW QUESTION 10

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 10

An organization wants to use generative AI to create a marketing campaign. They need to ensure that the AI model generates text that is appropriate for the target audience. What should the organization do?

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

Answer: A

NEW QUESTION 13

A large e-commerce company with a substantial product catalog and many support documents has customers struggling to find information on their website. This leads to high support costs and poor user experience. The company wants a Google Cloud solution to improve website search and reduce support costs while improving customer satisfaction. What Google Cloud product should the company use?

- A. Vertex AI Search
- B. Vertex AI Platform
- C. Google Shopping
- D. Google Search

Answer: A

NEW QUESTION 16

A financial institution uses generative AI (gen AI) to approve and reject loan applications, but gives no reasons for rejection. Customers are starting to file complaints. The company needs to implement a solution to reduce the complaints. What should the company do?

- A. Collect a larger and more diverse dataset for the gen AI model.
- B. Implement explainable gen AI policies.
- C. Fine-tune the gen AI model.
- D. Develop fairness assessments for the gen AI model.

Answer: B

NEW QUESTION 21

A marketing team wants to use a foundation model to create social media and advertising campaigns. They want to create written articles and images from text. They lack deep AI expertise and need a versatile solution. Which Google foundation model should they use?

- A. Gemma
- B. Imagen
- C. Gemini
- D. Veo

Answer: C

NEW QUESTION 25

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

A company is developing a conversational AI chatbot. They need to ensure the chatbot can engage in human-like conversations and provide accurate information. What should they do to enhance the chatbot's ability to understand and respond effectively to user prompts?

- A. Use prompt engineering techniques, like few-shot prompting, to provide the chatbot with examples of successful interactions.
- B. Limit the chatbot's training data to prevent it from learning irrelevant information.
- C. Use strict keyword matching to ensure that the chatbot only responds to specific commands.
- D. Lower model temperature setting to produce more consistent and predictable responses.

Answer: A

NEW QUESTION 32

What will Google Cloud's Agent Assist help a company achieve?

- A. The infrastructure to provide an enterprise-grade contact center solution with omnichannel support, routing, and integration with CRM systems.
- B. The ability to analyze conversational data to identify customer sentiment, common topics of discussion, and insights into agent performance and customer experience.
- C. The ability to provide real-time assistance and recommended responses to live customer service agents during their interactions.
- D. The ability to build and deploy deterministic and generative chatbot agents for automated customer support.

Answer: C

NEW QUESTION 37

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 42

A company wants a generative AI platform that provides the infrastructure, tools, and pre-trained models needed to build, deploy, and manage its generative AI solutions. Which Google Cloud offering should the company use?

- A. BigQuery
- B. Vertex AI
- C. Google Kubernetes Engine (GKE)
- D. Google Cloud Storage

Answer: B

NEW QUESTION 47

What is the definition of generative AI?

- A. A type of artificial intelligence that enables a system to autonomously learn and improve using neural networks and deep learning.
- B. A type of artificial intelligence that can create new content and ideas, including text, images, music, and code.
- C. A type of machine learning algorithm inspired by the human brain that is made up of interconnected nodes.
- D. A type of predictive model that estimates a relationship by fitting a line to the observed data.

Answer: B

NEW QUESTION 51

A company wants to create an AI-powered educational solution that provides personalized learning experiences for students. This platform will assess a student's knowledge, recommend relevant learning materials, and generate personalized exercises. The application would provide the structure for lessons and track progress. What type of AI solution should they use?

- A. An AI-powered recommendation system for learning resources
- B. A large language model fine-tuned on educational content
- C. A learning management system (LMS)
- D. A customized learning agent

Answer: D

NEW QUESTION 55

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