

Google

Exam Questions Generative-AI-Leader

Google Cloud Certified - Generative AI Leader Exam



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

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

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 4

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 5

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 6

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 7

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 8

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 9

A company wants to adopt generative AI and is concerned about vendor lock-in. They want to maintain flexibility in their technology stack. What Google Cloud strength would ease their concerns?

- A. Google Cloud's AI solutions have an open approach that supports customer choice across offerings.
- B. Google Cloud's AI solutions are pre-packaged for easy deployment, eliminating the need for customization and integration efforts.
- C. Google Cloud's strict adherence to proprietary technologies ensures the highest level of security and performance.
- D. Google Cloud's focus on automation aims to replace human jobs with AI systems, potentially leading to significant workforce reductions.

Answer: A

NEW QUESTION 10

A software developer needs a highly efficient, open-source large language model that can be fine-tuned on a local machine for rapid prototyping of a chatbot application. They require a model that offers strong performance in natural language understanding and generation, while being lightweight enough to run on limited hardware. Which Google-developed family of models should they use?

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

Answer: C

NEW QUESTION 10

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 14

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 18

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 19

An organization wants to use generative AI to create a chatbot that can answer customer questions about their account balances. They need to ensure that the chatbot can access previous portions of the conversation with the customer. Which prompting technique should they use?

- A. Use zero-shot prompting.
- B. Use role prompting.

- C. Use few-shot prompting.
- D. Use prompt chaining.

Answer: D

NEW QUESTION 20

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 21

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