DBCLOUD
EXAMS

QUESTIONS & ANSWERS

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Technology Provider: Amazon
Exam: AWS Certified AI Practitioner (AIF-C01)
Number of questions in the database: 449
Exam Version: NOV.2026

Topic 1 – Exam A

Question #1Topic *1*

A company makes forecasts each quarter to decide how to optimize operations to meet expected demand. The company uses ML models to make these forecasts.
An AI practitioner is writing a report about the trained ML models to provide transparency and explainability to company stakeholders.
What should the AI practitioner include in the report to meet the transparency and explainability requirements?

A. Code for model training

B. Partial dependence plots (PDPs)

C. Sample data for training

D. Model convergence tables

Correct Answer: *B*

Respuesta por mayor votación de la comunidad

B (100%)

Question #2Topic *1*

A law firm wants to build an AI application by using large language models (LLMs). The application will read legal documents and extract key points from the documents.
Which solution meets these requirements?

A. Build an automatic named entity recognition system.

B. Create a recommendation engine.

C. Develop a summarization chatbot.

D. Develop a multi-language translation system.

Correct Answer: *C*

Respuesta por mayor votación de la comunidad

C (100%)

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Question #3Topic *1*

A company wants to classify human genes into 20 categories based on gene characteristics. The company needs an ML algorithm to document how the inner mechanism of the model affects the output.
Which ML algorithm meets these requirements?

A. Decision trees

B. Linear regression

C. Logistic regression

D. Neural networks

Correct Answer: *A*

Respuesta por mayor votación de la comunidad

A (100%)

Question #4Topic *1*

A company has built an image classification model to predict plant diseases from photos of plant leaves. The company wants to evaluate how many images the model classified correctly.
Which evaluation metric should the company use to measure the model's performance?

A. R-squared score

B. Accuracy

C. Root mean squared error (RMSE)

D. Learning rate

Correct Answer: *B*

Respuesta por mayor votación de la comunidad

B (100%)

Question #5Topic *1*

A company is using a pre-trained large language model (LLM) to build a chatbot for product recommendations. The company needs the LLM outputs to be short and written in a specific language.
Which solution will align the LLM response quality with the company's expectations?

A. Adjust the prompt.

B. Choose an LLM of a different size.

C. Increase the temperature.

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D. Increase the Top K value.

Correct Answer: *A*

Respuesta por mayor votación de la comunidad

A (100%)

Question #6Topic *1*

A company uses Amazon SageMaker for its ML pipeline in a production environment. The company has large input data sizes up to 1 GB and processing times up to 1 hour. The company needs near real-time latency.
Which SageMaker inference option meets these requirements?

A. Real-time inference

B. Serverless inference

C. Asynchronous inference

D. Batch transform

Correct Answer: *C*

Respuesta por mayor votación de la comunidad

C (100%)

Question #7Topic *1*

A company is using domain-specific models. The company wants to avoid creating new models from the beginning. The company instead wants to adapt pre-trained models to create models for new, related tasks.
Which ML strategy meets these requirements?

A. Increase the number of epochs.

B. Use transfer learning.

C. Decrease the number of epochs.

D. Use unsupervised learning.

Correct Answer: *B*

Respuesta por mayor votación de la comunidad

B (100%)

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