

AI-100^{Q&As}

Designing and Implementing an Azure AI Solution

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QUESTION 1

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, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are deploying an Azure Machine Learning model to an Azure Kubernetes Service (AKS) container.

You need to monitor the scoring accuracy of each run of the model.

Solution: You modify the Config.json file.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Instead update the manifest file.

Reference: https://azure.github.io/learnAnalytics-UsingAzureMachineLearningforAIWorkloads/lab07-deploying_a_scoring_service_to_aks/0_README.html

QUESTION 2

You have deployed several Azure IoT Edge devices for an AI solution. The Azure IoT Edge devices generate measurement data from temperature sensors.

You need a solution to process the sensor data. Your solution must be able to write configuration changes back to the devices.

You make use of Microsoft Azure Event Hub.

Does this action accomplish your objective?

A. Yes, it does

B. No, it does not

Correct Answer: B

Use Microsoft Azure IoT Hub instead.

Reference:

<https://azure.microsoft.com/en-us/resources/samples/functions-js-iot-hub-processing/>

QUESTION 3

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, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create several AI models in Azure Machine Learning Studio.

You deploy the models to a production environment.

You need to monitor the compute performance of the models.

Solution: You enable AppInsights diagnostics.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

You need to enable Model data collection.

References: <https://docs.microsoft.com/en-us/azure/machine-learning/service/how-to-enable-data-collection>

QUESTION 4

Your company plans to deploy an AI solution that processes IoT data in real-time.

You need to recommend a solution for the planned deployment that meets the following requirements:

1.

Sustain up to 50 Mbps of events without throttling.

2.

Retain data for 60 days. What should you recommend?

A. Apache Kafka

B. Microsoft Azure IoT Hub

C. Microsoft Azure Data Factory

D. Microsoft Azure Machine Learning

Correct Answer: A

Apache Kafka is an open-source distributed streaming platform that can be used to build real-time streaming data pipelines and applications. References: <https://docs.microsoft.com/en-us/azure/hdinsight/kafka/apache-kafka-introduction>

QUESTION 5

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, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create several AI models in Azure Machine Learning Studio.

You deploy the models to a production environment.

You need to monitor the compute performance of the models.

Solution: You write a custom scoring script.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

You need to enable Model data collection.

References: <https://docs.microsoft.com/en-us/azure/machine-learning/service/how-to-enable-data-collection>

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