AI-100^{Q&As}

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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 have an app named App1 that uses the Face API.

App1 contains several PersonGroup objects.

You discover that a PersonGroup object for an individual named Ben Smith cannot accept additional entries. The PersonGroup object for Ben Smith contains 10,000 entries.

You need to ensure that additional entries can be added to the PersonGroup object for Ben Smith. The solution must ensure that Ben Smith can be identified by all the entries.

Solution: You delete 1,000 entries from the PersonGroup object for Ben Smith.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 2

You company\\'s developers have created an Azure Data Factory pipeline that moves data from an on-premises server to Azure Storage. The pipeline consumes

Azure Cognitive Services APIs.

You need to deploy the pipeline. Your solution must minimize custom code.

You use Azure-SSIS Integration Runtime (IR) to move data to the cloud and Azure API Apps to consume Cognitive Services APIs.

Does this action accomplish your objective?

A. Yes, it does

B. No, it does not

Correct Answer: B

With Azure-SSIS Integration Runtime you would need to write custom code Reference: https://docs.microsoft.com/en-us/azure/data-factory/concepts-integration-runtime https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-

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examples-and-scenarios

QUESTION 3

You need to build a reputation monitoring solution that reviews Twitter activity about your company. The solution must identify negative tweets and tweets that contain inappropriate images.

You plan to use Azure Logic Apps to build the solution.

Which two additional Azure services should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Corporate Vision

B. Azure Blueprint

C. Content Moderator

D. Text Analytics

E. Azure Machine Learning Service

F. Form Recognizer

Correct Answer: CD

C: You can filter your tweets using Azure Logic Apps and Content Moderation. Azure Content Moderator is a cognitive service that checks text, image, and video content for material that is potentially offensive, risky, or otherwise undesirable. When this material is found, the service applies appropriate labels (flags) to the content. Your app can then handle flagged content in order to comply with regulations or maintain the intended environment for users.

D: You can write an application so that when a user tweets with configured Twitter Hashtag, Logic App gets triggered and passed to Cognitive Text Analytics Connector for detecting the sentiments of the tweet (text). If the tweeted text is found to be harsh or with bad or abusive language, the tweet can be handled appropriately.

References: https://docs.microsoft.com/en-us/azure/cognitive-services/content-moderator/overview

https://www.c-sharpcorner.com/article/role-of-text-analytics-service-as-a-connector-in-azure-logic-apps/

QUESTION 4

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 5

You are designing an AI workflow that performs data analysis from multiple data sources. The data sources consist of JSON files that have been uploaded to an

Azure Storage account, on-premises Oracle databases, and Azure SQL databases.

Which service should you recommend to ingest the data?

A. Azure Data Factory

B. Azure Kubernetes Service (AKS)

C. Azure Bot Service

D. Azure Databricks

Correct Answer: A

Azure Data Factory is a fully managed data integration service that allows you to create workflows and pipelines to orchestrate and automate data movement and transformation. It supports a wide range of data sources and provides built-in connectors for Azure Storage, Oracle databases, and Azure SQL databases.

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