



AI-100^{Q&As}

Designing and Implementing an Azure AI Solution

Pass Microsoft AI-100 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.passapply.com/ai-100.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers





QUESTION 1

Your company plans to create a mobile app that will be used by employees to query the employee handbook.

You need to ensure that the employees can query the handbook by typing or by using speech.

Which core component should you use for the app?

- A. Language Understanding (LUIS)
- B. QnA Maker
- C. Text Analytics
- D. Azure Search

Correct Answer: A

"Together, Language Understanding and Azure Bot Service enable developers to create conversational interfaces for various scenarios like banking, travel, and entertainment. For example, a hotel's concierge can use a bot to enhance traditional e-mail and phone call interactions by validating a customer via Azure Active Directory and using Cognitive Services to better contextually process customer requests using text and voice. The Speech recognition service can be added to support voice commands"

QUESTION 2

You have created an AI solution that uses several PersonGroup objects.

One of the PersonGroup objects contains thousands of entries and cannot accept any new entries.

You want to be able to add new entries to the PersonGroup object. The PersonGroup object must be identifiable by all the entries.

Which of the following actions should you take?

- A. Compress the entries from the PersonGroup object.
- B. Create another PersonGroup object with the same name.
- C. Migrate the PersonGroup to a LargePersonGroup object.
- D. Archive some of the entries from the PersonGroup object.

Correct Answer: C

LargePersonGroup and LargeFaceList are collectively referred to as large-scale operations. LargePersonGroup can contain up to 1 million persons, each with a maximum of 248 faces. LargeFaceList can contain up to 1 million faces. The

large-scale operations are similar to the conventional PersonGroup and FaceList but have some differences because of the new architecture.

Reference:



<https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how-to-use-large-scale>

QUESTION 3

Your company plans to implement an AI solution that will analyze data from IoT devices.

Data from the devices will be analyzed in real time. The results of the analysis will be stored in a SQL database.

You need to recommend a data processing solution that uses the Transact-SQL language.

Which data processing solution should you recommend?

- A. Azure Stream Analytics
- B. SQL Server Integration Services (SSIS)
- C. Azure Event Hubs
- D. Azure Machine Learning

Correct Answer: A

References: <https://www.linkedin.com/pulse/getting-started-azure-iot-services-stream-analytics-rob-tiffany>

QUESTION 4

You are designing an AI solution that will analyze millions of pictures by using Azure HDInsight Hadoop cluster.

You need to recommend a solution for storing the pictures. The solution must minimize costs.

Which storage solution should you recommend?

- A. Azure Table storage
- B. Azure File Storage
- C. Azure Data Lake Storage Gen2
- D. Azure Data Lake Storage Gen1

Correct Answer: D

Azure Data Lake Storage Gen1 is adequate and less expensive compared to Gen2.

References: <https://visualbi.com/blogs/microsoft/introduction-azure-data-lake-gen2/>

QUESTION 5

You deploy an application that performs sentiment analysis on the data stored in Azure Cosmos DB.

Recently, you loaded a large amount of data to the database. The data was for a customer named Contoso, Ltd.



You discover that queries for the Contoso data are slow to complete, and the queries slow the entire application.

You need to reduce the amount of time it takes for the queries to complete. The solution must minimize costs.

What is the best way to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.

- A. Change the request units.
- B. Change the partitioning strategy.
- C. Change the transaction isolation level.
- D. Migrate the data to the Cosmos DB database.

Correct Answer: B

References: <https://docs.microsoft.com/en-us/azure/architecture/best-practices/data-partitioning>

[AI-100 VCE Dumps](#)

[AI-100 Study Guide](#)

[AI-100 Braindumps](#)