Microsoft

Exam Questions 70-776

Perform Big Data Engineering on Microsoft Cloud Services (beta)
NEW 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 in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are monitoring user queries to a Microsoft Azure SQL data warehouse that has six compute nodes. You discover that compute node utilization is uneven. The rows_processed column from sys.dm_pdw_workers shows a significant variation in the number of rows being moved among the distributions for the same table for the same query. You need to ensure that the load is distributed evenly across the compute nodes. Solution: You change the table to use a column that is not skewed for hash distribution. Does this meet the goal?
A. Yes
B. No
Answer: A

NEW QUESTION 2
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.
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You have a table named Table1 that contains 3 billion rows. Table1 contains data from the last 36 months. At the end of every month, the oldest month of data is removed based on a column named DateTime. You need to minimize how long it takes to remove the oldest month of data. Solution: You specify DateTime as the hash distribution column. Does this meet the goal?
A. Yes
B. No
Answer: B

NEW QUESTION 3
DRAG DROP
You plan to develop a solution for real-time sentiment analysis of Twitter data. You need to create a Microsoft Azure Stream Analytics job query to count the number of tweets during a period. You need to use the appropriate Windows functions for each requirement. Which Windows function should you use for each requirement? To answer, drag the appropriate functions to the correct requirements. Each function may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Answer:

Explanation:
References:
https://docs.microsoft.com/en-us/azure/stream-analytics/stream-analytics-window-functions

NEW QUESTION 4
You have a Microsoft Azure Data Lake Analytics service and an Azure Data Lake Store. You need to use Python to submit a U-SQL job. Which Python module should you install?
A. azure-mgmt-datalake-store
B. azure-mgmt-datalake-analytics
C. azure-datalake-store
D. azure-mgmt-resource

Answer: B

Explanation:
References:

NEW QUESTION 5
HOTSPOT
You use Microsoft Visual Studio to develop custom solutions for customers who use Microsoft Azure Data Lake Analytics. You install the Data Lake Tools for Visual Studio. You need to identify which tasks can be performed from Visual Studio and which tasks can be performed from the Azure portal.
NEW QUESTION 6
You have a Microsoft Azure Data Lake Analytics service. You need to provide a user with the ability to monitor Data Lake Analytics jobs. The solution must minimize the number of permissions assigned to the user. Which role should you assign to the user?

A. Reader  
B. Owner  
C. Contributor  
D. Data Lake Analytics Developer

Answer: A

Explanation:

NEW QUESTION 7
You have a Microsoft Azure SQL data warehouse. You have an Azure Data Lake Store that contains data from ORC, RC, Parquet, and delimited text files. You need to load the data to the data warehouse in the least amount of time possible. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Use Microsoft SQL Server Integration Services (SSIS) to enumerate from the Data Lake Store by using a for loop.  
B. Use AzCopy to export the files from the Data Lake Store to Azure Blob storage.  
C. For each file in the loop, export the data to Parallel Data Warehouse by using a Microsoft SQL Server Native Client destination.  
D. Load the data by executing the CREATE TABLE AS SELECT statement.  
E. Use bcp to import the files.  
F. In the data warehouse, configure external tables and external file formats that correspond to the Data Lake Store.

Answer: DF

Explanation:

NEW QUESTION 8
You need to define an input dataset for a Microsoft Azure Data Factory pipeline. Which properties should you include when you define the dataset?
A. name, type, typeProperties, and availability  
B. name, typeProperties, structure, and availability  
C. name, policy, structure, and external  
D. name, type, policy, and structure  

**Answer:** A  

**Explanation:**

**References:**

https://docs.microsoft.com/en-us/azure/data-factory/v1/data-factory-create-datasets

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**NEW QUESTION 9**  
**DRAG DROP**

You plan to use U-SQL to run federated queries to join data from a Microsoft Azure SQL data warehouse, an Azure SQL database, and a Microsoft SQL Server database on an Azure virtual machine. You need to ensure that you can use a U-SQL query that joins all three data sources. The solution must ensure that the three data sources appear as tables in U-SQL without having to move the data from external sources. Which three statements should you execute in sequence? To answer, move the appropriate statements from the list of statements to the answer area and arrange them in the correct order.

**Answer:**

**Explanation:**

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**NEW QUESTION 10**  
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