70-776 Q&As

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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 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 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 implement a columnstore index on the DateTime column.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

QUESTION 2

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

Correct Answer: B

QUESTION 3

HOTSPOT

You have a Microsoft Azure Data Lake Analytics service.

You have a tab-delimited file named UserActivity.tsv that contains logs of user sessions.

The file does not have a header row.

You need to create a table and to load the logs to the table. The solution must distribute the data by a column named SessionId.

How should you complete the U-SQL statement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
CREATE TABLE dbo.UserActivity
(
 INDEX s_idx CLUSTERED (SessionId ASC)
 DISTRIBUTED BY [          ▼] (SessionId) INTO 2
                  HASH
                  RANGE
                  ROUND ROBIN
)
EXTRACT SessionId   Guid
    , Timestamp     DateTime
    , Geocode       string
    , ResourcePath  string
    , ExecutionTime decimal
    , HeaderLog     string
FROM "/data/UserActivity.tsv"
USING [          ▼]
;
                  Extractors.Text()
                  Extractors.Tsv()
                  Outputters.Tsv()
```

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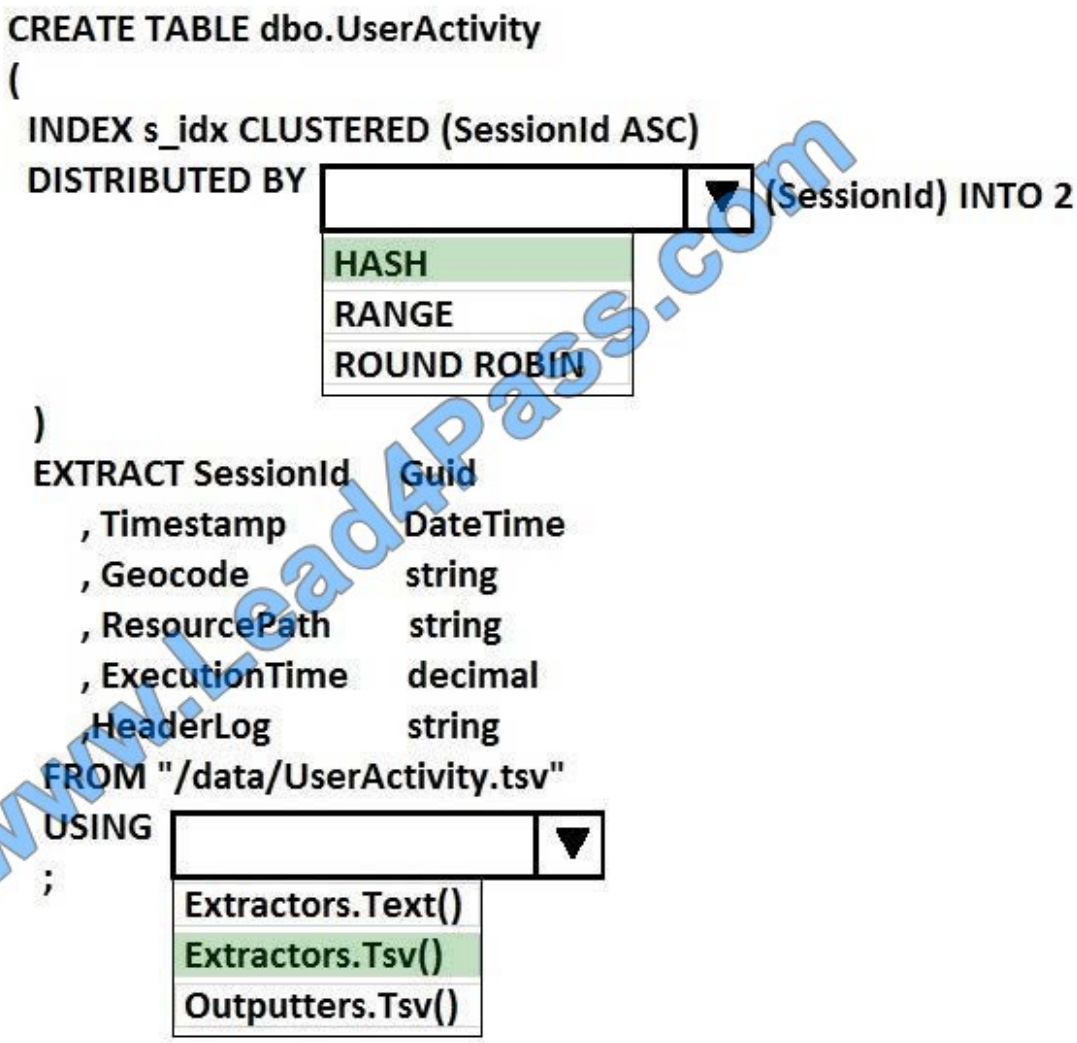
Correct Answer:

Answer Area



References: https://msdn.microsoft.com/en-us/library/mt706197.aspx

QUESTION 4

You have a Microsoft Azure SQL data warehouse that contains information about community events.

An Azure Data Factory job writes an updated CSV file in Azure Blob storage to Community/{date}/events.csv daily.

You plan to consume a Twitter feed by using Azure Stream Analytics and to correlate the feed to the community events.

You plan to use Stream Analytics to retrieve the latest community events data and to correlate the data to the Twitter feed data. You need to ensure that when updates to the community events data is written to the CSV files, the Stream

Analytics job can access the latest community events data.

What should you configure?

A. an output that uses a blob storage sink and has a path pattern of Community/{date}

B. an output that uses an event hub sink and the CSV event serialization format

C. an input that uses a reference data source and has a path pattern of Community/{date}/events.csv

D. an input that uses a reference data source and has a path pattern of Community/{date}

Correct Answer: C

QUESTION 5

You have a Microsoft Azure Data Lake Analytics service.

You need to write a U-SQL query to extract from a CSV file all the users who live in Boston, and then to save the results in a new CSV file.

Which U-SQL script should you use?

A

```
@users =
EXTRACT Name    string,
        Age     int,
        City    string,
        State   string
FROM "/users.csv"
USING Extractors.Csv();

@BostonUsers =
SELECT Name, Age, City, State
FROM @users
WHERE City == "Boston";

OUTPUT @BostonUsers
      TO "/output/BostonUsers.csv"
      USING Outputters.Csv();
```

B

```
@users =
EXTRACT UserName    string,
        Age         int,
        City        string,
        State       string
FROM '/users.csv'
USING Outputters.Csv();

@BostonUsers =
SELECT UserName, Age, City, State
FROM @users
WHERE City == "Boston";

OUTPUT @BostonUsers
      TO '/output/BostonUsers.csv'
      USING Extractors.Csv();
```

C

```
@users =
EXTRACT Name    string,
        Age     int,
        City    string,
        State   string
FROM '/users.csv'
USING Extractors.Csv();

@BostonUsers =
SELECT UserName, Age, City, State
FROM @users
WHERE City == "Boston";

OUTPUT @BostonUsers
      TO '/output/BostonUsers.csv'
      USING Outputters.Csv();
```

D

```
@users =
EXTRACT UserName    string,
        Age         int,
        City        string,
        State       string
From "/users.csv"
Using Extractors.Csv();

@BostonUsers =
SELECT UserName, Age, City, State
From @users
Where City == "Boston";

OUTPUT @BostonUsers
      TO "/output/BostonUsers.csv"
      Using Outputters.Csv();
```

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A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

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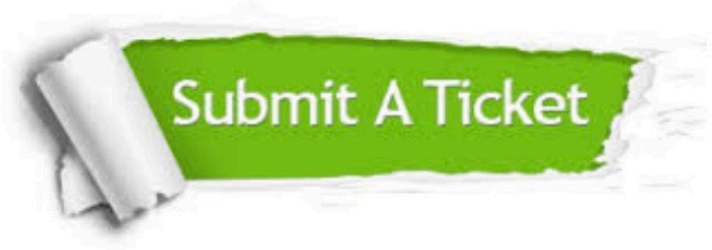

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