



DP-600^{Q&As}

Implementing Analytics Solutions Using Microsoft Fabric

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**QUESTION 1**

You have a Fabric tenant that contains a warehouse.

You use a dataflow to load a new dataset from OneLake to the warehouse.

You need to add a Power Query step to identify the maximum values for the numeric columns.

Which function should you include in the step?

- A. Table.MaxN
- B. Table.Max
- C. Table.Range
- D. Table.Profile

Correct Answer: B

Explanation: The Table.Max function should be used in a Power Query step to identify the maximum values for the numeric columns. This function is designed to calculate the maximum value across each column in a table, which suits the requirement of finding maximum values for numeric columns. References = For detailed information on Power Query functions, including Table.Max, please refer to Power Query M function reference.

QUESTION 2

You are the administrator of a Fabric workspace that contains a lakehouse named Lakehouse1. Lakehouse1 contains the following tables:

Table1: A Delta table created by using a shortcut Table2: An external table created by using Spark Table3: A managed table

You plan to connect to Lakehouse1 by using its SQL endpoint. What will you be able to do after connecting to Lakehouse1?

- A. ReadTable3.
- B. Update the data Table3.
- C. ReadTable2.
- D. Update the data in Table1.

Correct Answer: D

QUESTION 3

You have a Fabric workspace named Workspace1 and an Azure Data Lake Storage Gen2 account named storage".



Workspace1 contains a lakehouse named Lakehouse1.

You need to create a shortcut to storage! in Lakehouse1.

Which connection and endpoint should you specify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Connection:

abfss	▼
abfs	
abfss	
https	

Endpoint:

dfs	▼
blob	
dfs	
file	

Correct Answer:

Connection:

abfss	▼
abfs	
abfss	
https	

Endpoint:

dfs	▼
blob	
dfs	
file	

When creating a shortcut to an Azure Data Lake Storage Gen2 account in a lakehouse, you should use the abfss (Azure Blob File System Secure) connection string and the dfs (Data Lake File System) endpoint. The abfss is used for secure

access to Azure Data Lake Storage, and the dfs endpoint indicates that the Data Lake Storage Gen2 capabilities are to be used.

**QUESTION 4**

You have a Fabric tenant that contains a new semantic model in OneLake.

You use a Fabric notebook to read the data into a Spark DataFrame.

You need to evaluate the data to calculate the min, max, mean, and standard deviation values for all the string and numeric columns.

Solution: You use the following PySpark expression:

```
df.summary()
```

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

Explanation: Yes, the `df.summary()` method does meet the goal. This method is used to compute specified statistics for numeric and string columns. By default, it provides statistics such as count, mean, stddev, min, and max. References = The PySpark API documentation details the `summary()` function and the statistics it provides.

QUESTION 5

You have a Fabric tenant that contains a data pipeline.

You need to ensure that the pipeline runs every four hours on Mondays and Fridays.

To what should you set Repeat for the schedule?

A. Daily

B. By the minute

C. Weekly

D. Hourly

Correct Answer: C

Explanation: You should set Repeat for the schedule to Weekly (C). This allows you to specify the pipeline to run on specific days of the week, in this case, every four hours on Mondays and Fridays. References = Scheduling options for data pipelines are available in the Azure Data Factory documentation, which includes details on configuring recurring triggers.