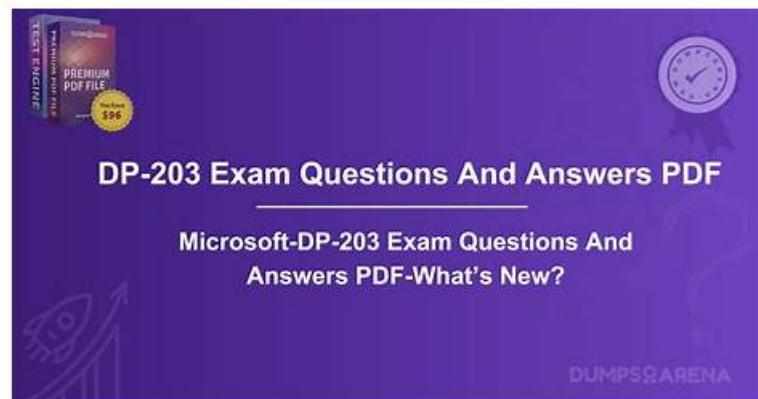


Latest Microsoft DP-203 Exam Questions in Three Formats



BTW, DOWNLOAD part of Dumps4PDF DP-203 dumps from Cloud Storage: https://drive.google.com/open?id=1W2icRccokwZ0FXKshKWmxtxRCn_glnkb

It is a prevailing belief for many people that practice separated from theories are blindfold. Our DP-203 learning quiz is a salutary guidance helping you achieve success. The numerous feedbacks from our clients praised and tested our strength on this career, thus our DP-203 practice materials get the epithet of high quality and accuracy.

The DP-203 Certification Exam is a great way for professionals to demonstrate their expertise in working with Azure data technologies. By passing this certification exam, candidates can showcase their skills in designing and implementing data solutions on the Azure platform. Data Engineering on Microsoft Azure certification is highly valued by employers, and it can help professionals advance their careers and increase their earning potential.

>> DP-203 Latest Exam Duration <<

Free Microsoft DP-203 Dumps - Valid DP-203 Practice Questions

So we can say that with the Microsoft DP-203 exam questions you will get everything that you need to learn, prepare and pass the difficult Microsoft DP-203 exam with good scores. The Dumps4PDF DP-203 exam questions are designed and verified by experienced and qualified Microsoft DP-203 Exam trainers. They work together and share their expertise to maintain the top standard of DP-203 exam practice test. So you can get trust on DP-203 exam questions and start preparing today.

Microsoft Data Engineering on Microsoft Azure Sample Questions (Q250-Q255):

NEW QUESTION # 250

You have an Azure Synapse Analytics dedicated SQL pool.

You need to create a table named FactInternetSales that will be a large fact table in a dimensional model.

FactInternetSales will contain 100 million rows and two columns named SalesAmount and OrderQuantity.

Queries executed on FactInternetSales will aggregate the values in SalesAmount and OrderQuantity from the last year for a specific product. The solution must minimize the data size and query execution time.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

□ Explanation

Box 1: (CLUSTERED COLUMNSTORE INDEX

CLUSTERED COLUMNSTORE INDEX

Columnstore indexes are the standard for storing and querying large data warehousing fact tables. This index uses column-based data storage and query processing to achieve gains up to 10 times the query performance in your data warehouse over traditional

row-oriented storage. You can also achieve gains up to 10 times the data compression over the uncompressed data size. Beginning with SQL Server 2016 (13.x) SP1, columnstore indexes enable operational analytics: the ability to run performant real-time analytics on a transactional workload.

Note: Clustered columnstore index

A clustered columnstore index is the physical storage for the entire table.

Diagram Description automatically generated

To reduce fragmentation of the column segments and improve performance, the columnstore index might store some data temporarily into a clustered index called a deltaxore and a B-tree list of IDs for deleted rows. The deltaxore operations are handled behind the scenes. To return the correct query results, the clustered columnstore index combines query results from both the columnstore and the deltaxore.

Box 2: HASH([ProductKey])

A hash distributed table distributes rows based on the value in the distribution column. A hash distributed table is designed to achieve high performance for queries on large tables.

Choose a distribution column with data that distributes evenly

Reference: <https://docs.microsoft.com/en-us/sql/relational-databases/indexes/columnstore-indexes-overview>

<https://docs.microsoft.com/en-us/azure/synapse-analytics/sql-data-warehouse/sql-data-warehouse-tables-overview>

<https://docs.microsoft.com/en-us/azure/synapse-analytics/sql-data-warehouse/sql-data-warehouse-tables-distribu>

NEW QUESTION # 251

You have an Apache Spark DataFrame named temperatures. A sample of the data is shown in the following table.

You need to produce the following table by using a Spark SQL query.

How should you complete the query? To answer, drag the appropriate values to the correct targets. Each value 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.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Explanation:

Box 1: PIVOT

PIVOT rotates a table-valued expression by turning the unique values from one column in the expression into multiple columns in the output. And PIVOT runs aggregations where they're required on any remaining column values that are wanted in the final output.

Reference:

<https://learnsql.com/cookbook/how-to-convert-an-integer-to-a-decimal-in-sql-server/>

<https://docs.microsoft.com/en-us/sql/t-sql/queries/from-using-pivot-and-unpivot>

NEW QUESTION # 252

You have an Azure subscription that contains the resources shown in the following table.

You need to ingest the Parquet files from storage1 to SQL1 by using pipeline1. The solution must meet the following requirements:

- * Minimize complexity.

- * Ensure that additional columns in the files are processed as strings.

- * Ensure that files containing additional columns are processed successfully.

How should you configure pipeline1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Explanation:

NEW QUESTION # 253

You have a table in an Azure Synapse Analytics dedicated SQL pool. The table was created by using the following Transact-SQL statement.

You need to alter the table to meet the following requirements:

- Ensure that users can identify the current manager of employees.

Support creating an employee reporting hierarchy for your entire company.
Provide fast lookup of the managers' attributes such as name and job title.
Which column should you add to the table?

- A. [ManagerEmployeeID] [smallint] NULL
- **B. [ManagerEmployeeID] [int] NULL**
- C. [ManagerEmployeeKey] [int] NULL
- D. [ManagerName] [varchar](200) NULL

Answer: B

Explanation:

Explanation

Use the same definition as the EmployeeID column.

Reference:

<https://docs.microsoft.com/en-us/analysis-services/tabular-models/hierarchies-ssas-tabular>

NEW QUESTION # 254

You have an Azure subscription that contains an Azure Databricks workspace named databricks1 and an Azure Synapse Analytics workspace named synapse1. The synapse1 workspace contains an Apache Spark pool named pool1.

You need to share an Apache Hive catalog of pool1 with databricks1.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

☐

Answer:

Explanation:

☐

Explanation:

Box 1: Azure SQL Database

Use external Hive Metastore for Synapse Spark Pool

Azure Synapse Analytics allows Apache Spark pools in the same workspace to share a managed HMS (Hive Metastore) compatible metastore as their catalog.

Set up linked service to Hive Metastore

Follow below steps to set up a linked service to the external Hive Metastore in Synapse workspace.

* Open Synapse Studio, go to Manage > Linked services at left, click New to create a new linked service.

* Set up Hive Metastore linked service

* Choose Azure SQL Database or Azure Database for MySQL based on your database type, click Continue.

* Provide Name of the linked service. Record the name of the linked service, this info will be used to configure Spark shortly.

* You can either select Azure SQL Database/Azure Database for MySQL for the external Hive Metastore from Azure subscription list, or enter the info manually.

* Provide User name and Password to set up the connection.

* Test connection to verify the username and password.

* Click Create to create the linked service.

Box 2: A Hive Metastore

Reference: <https://docs.microsoft.com/en-us/azure/synapse-analytics/spark/apache-spark-external-metastore>

NEW QUESTION # 255

.....

We can find that the Internet is getting closer and closer to our daily life and daily work. We can hardly leave the Internet now, we usually use computer or iPad to work and learn. Inevitably, we will feel too tired if we worked online too long. You can see our DP-203 exam materials have three version, including PDF version, APP version and soft version, the PDF version support printing. You can free download part of DP-203 simulation test questions and answers of DP-203 exam dumps and print it, using it when your eyes are tired. It is more convenient for you to look and read while protect our eye. If you print the DP-203 exam materials out, you are easy to carry it with you when you out, it is to say that will be a most right decision to choose the DP-203, you will never regret it.

Free DP-203 Dumps: <https://www.dumps4pdf.com/DP-203-valid-braindumps.html>

- [illegible]

P.S. Free & New DP-203 dumps are available on Google Drive shared by Dumps4PDF: https://drive.google.com/open?id=1W2icRccokwZ0FXKshKWmxtxRCn_glnkb