

DP-203 Valid Test Bootcamp, DP-203 Latest Exam Dumps



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Our DP-203 study guide is carefully edited and reviewed by our experts. The design of the content conforms to the examination outline and its key points. Through the practice of our DP-203 exam questions, you can grasp the intention of the examination organization accurately. And we also have the Software version of our DP-203 Learning Materials that can simulate the real exam which can help you better adapt to the real exam.

The Microsoft DP-203 exam focuses on the following key areas: designing data processing solutions, designing for data security and compliance, designing a data storage solution, designing Azure data solutions, and monitoring and optimizing data solutions. DP-203 exam is designed to test the candidate's expertise in designing and implementing solutions using Azure services like Azure Data Factory, Azure Databricks, Azure Stream Analytics, and Azure Cosmos DB.

Microsoft DP-203: Data Engineering on Microsoft Azure is a certification exam that focuses on validating the skills and knowledge of data engineers in designing and implementing data solutions on the Azure platform. DP-203 exam is aimed at professionals who are responsible for designing, building, and maintaining data processing systems using Azure data services. DP-203 Exam measures the ability of a candidate to design and implement data storage solutions, data processing solutions, and data security solutions using Azure services.

Microsoft DP-203 (Data Engineering on Microsoft Azure) certification is a highly sought-after accreditation for data engineers who want to demonstrate their knowledge and skills in designing and implementing data solutions on the Azure platform. Data Engineering on Microsoft Azure certification validates a candidate's technical expertise in building data processing systems, data storage solutions, and data transformation and integration solutions using Azure services.

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Free4Dump's experts have simplified the complex concepts and have added examples, simulations and graphs to explain whatever could be difficult for you to understand. Therefore even the average DP-203 exam candidates can grasp all study questions without any difficulty. Additionally, the DP-203 Exam takers can benefit themselves by using our testing engine and get numerous real DP-203 exam like practice questions and answers. They will help them revising the entire syllabus within no time.

Microsoft Data Engineering on Microsoft Azure Sample Questions (Q260-Q265):

NEW QUESTION # 260

You are building an Azure Stream Analytics job to identify how much time a user spends interacting with a feature on a webpage. The job receives events based on user actions on the webpage. Each row of data represents an event. Each event has a type of either 'start' or 'end'.

You need to calculate the duration between start and end events.

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

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Explanation:

Box 1: DATEDIFF

DATEDIFF function returns the count (as a signed integer value) of the specified datepart boundaries crossed between the specified startdate and enddate.

Syntax: DATEDIFF (datepart , startdate, enddate)

Box 2: LAST

The LAST function can be used to retrieve the last event within a specific condition. In this example, the condition is an event of type Start, partitioning the search by PARTITION BY user and feature. This way, every user and feature is treated independently when searching for the Start event. LIMIT DURATION limits the search back in time to 1 hour between the End and Start events.

Example:

```
SELECT
```

```
[user],
```

```
feature,
```

```
DATEDIFF(
```

```
second,
```

```
LAST(Time) OVER (PARTITION BY [user], feature LIMIT DURATION(hour,
```

```
1) WHEN Event = 'start'),
```

```
Time) as duration
```

```
FROM input TIMESTAMP BY Time
```

```
WHERE
```

```
Event = 'end'
```

Reference:

<https://docs.microsoft.com/en-us/azure/stream-analytics/stream-analytics-stream-analytics-query-patterns>

NEW QUESTION # 261

You are responsible for providing access to an Azure Data Lake Storage Gen2 account.

Your user account has contributor access to the storage account, and you have the application ID and access key.

You plan to use PolyBase to load data into an enterprise data warehouse in Azure Synapse Analytics.

You need to configure PolyBase to connect the data warehouse to storage account.

Which three components should you create in sequence? To answer, move the appropriate components from the list of components to the answer area and arrange them in the correct order.

Answer:

Explanation:

Explanation

NEW QUESTION # 262

You have an Azure Data Factory instance that contains two pipelines named Pipeline1 and Pipeline2.

Pipeline1 has the activities shown in the following exhibit.

Pipeline2 has the activities shown in the following exhibit.

You execute Pipeline2, and Stored procedure1 in Pipeline1 fails.

What is the status of the pipeline runs?

- A. Pipeline1 and Pipeline2 failed.
- **B. Pipeline1 and Pipeline2 succeeded.**
- C. Pipeline1 succeeded and Pipeline2 failed.
- D. Pipeline1 failed and Pipeline2 succeeded.

Answer: B

Explanation:

Activities are linked together via dependencies. A dependency has a condition of one of the following: Succeeded, Failed, Skipped, or Completed.

Consider Pipeline1:

If we have a pipeline with two activities where Activity2 has a failure dependency on Activity1, the pipeline will not fail just because Activity1 failed. If Activity1 fails and Activity2 succeeds, the pipeline will succeed. This scenario is treated as a try-catch block by Data Factory.

The failure dependency means this pipeline reports success.

Note:

If we have a pipeline containing Activity1 and Activity2, and Activity2 has a success dependency on Activity1, it will only execute if Activity1 is successful. In this scenario, if Activity1 fails, the pipeline will fail.

Reference:

<https://datasavvy.me/category/azure-data-factory/>

NEW QUESTION # 263

You have a self-hosted integration runtime in Azure Data Factory.

The current status of the integration runtime has the following configurations:

Status: Running

Type: Self-Hosted

Running / Registered Node(s): 1/1

High Availability Enabled: False

Linked Count: 0

Queue Length: 0

Average Queue Duration: 0.00s

The integration runtime has the following node details:

Name: X-M

Status: Running

Available Memory: 7697MB

CPU Utilization: 6%

Network (In/Out): 1.21KBps/0.83KBps

Concurrent Jobs (Running/Limit): 2/14

Role: Dispatcher/Worker

Credential Status: In Sync

Use the drop-down menus to select the answer choice that completes each statement based on the information presented.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/data-factory/create-self-hosted-integration-runtime>

NEW QUESTION # 264

You are implementing Azure Stream Analytics windowing functions.

Which windowing function should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

NEW QUESTION # 265

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Usually, the recommended sources of studies for certification exams are boring and lengthy. It makes the candidate feel uneasy and they fail to prepare themselves for DP-203 exam. Contrary to this, Free4Dump dumps are interactive, enlightening and easy to grasp

