DBCLOUD
EXAMS

QUESTIONS & ANSWERS

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Technology Provider: Databricks

Exam: Certified Data Analyst Associate

Number of questions in the database: 140

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Question #1Topic 1

Which of the following layers of the medallion architecture is most commonly used by data analysts?

A. None of these layers are used by data analysts

B. Gold

C. All of these layers are used equally by data analysts

D. Silver

E. Bronze

Correct Answer: B

Question #2Topic 1

A data analyst has recently joined a new team that uses Databricks SQL, but the analyst has never used Databricks before. The analyst wants to know where in Databricks SQL they can write and execute SQL queries.

On which of the following pages can the analyst write and execute SQL queries?

A. Data page

B. Dashboards page

C. Queries page

D. Alerts page

E. SQL Editor page

Correct Answer: E

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Question #3Topic 1

Which of the following describes how Databricks SQL should be used in relation to other business intelligence (BI) tools like Tableau, Power BI, and looker?

A. As an exact substitute with the same level of functionality

B. As a substitute with less functionality

C. As a complete replacement with additional functionality

D. As a complementary tool for professional-grade presentations

E. As a complementary tool for quick in-platform BI work

Correct Answer: E

Question #4Topic 1

Which of the following approaches can be used to connect Databricks to Fivetran for data ingestion?

A. Use Workflows to establish a SQL warehouse (formerly known as a SQL endpoint) for Fivetran to interact with

B. Use Delta Live Tables to establish a cluster for Fivetran to interact with

C. Use Partner Connect's automated workflow to establish a cluster for Fivetran to interact with

D. Use Partner Connect's automated workflow to establish a SQL warehouse (formerly known as a SQL endpoint) for Fivetran to interact with

E. Use Workflows to establish a cluster for Fivetran to interact with

Correct Answer: D

Question #5Topic 1

Data professionals with varying titles use the Databricks SQL service as the primary touchpoint with the Databricks Lakehouse Platform. However, some users will use other services like Databricks Machine Learning or Databricks Data Science and Engineering.

Which of the following roles uses Databricks SQL as a secondary service while primarily using one of the other services?

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A. Business analyst

B. SQL analyst

C. Data engineer

D. Business intelligence analyst

E. Data analyst

Correct Answer: C

Question #6Topic 1

A data analyst has set up a SQL query to run every four hours on a SQL endpoint, but the SQL endpoint is taking too long to start up with each run.

Which of the following changes can the data analyst make to reduce the start-up time for the endpoint while managing costs?

A. Reduce the SQL endpoint cluster size

B. Increase the SQL endpoint cluster size

C. Turn off the Auto stop feature

D. Increase the minimum scaling value

E. Use a Serverless SQL endpoint

Correct Answer: E

Question #7Topic 1

A data engineering team has created a Structured Streaming pipeline that processes data in micro-batches and populates gold-level tables. The microbatches are triggered every minute.

A data analyst has created a dashboard based on this gold-level data. The project stakeholders want to see the results in the dashboard updated within one minute or less of new data becoming available within the gold-level tables.

Which of the following cautions should the data analyst share prior to setting up the dashboard to complete this task?

A. The required compute resources could be costly

B. The gold-level tables are not appropriately clean for business reporting

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C. The streaming data is not an appropriate data source for a dashboard

D. The streaming cluster is not fault tolerant

E. The dashboard cannot be refreshed that quickly

Correct Answer: A

Question #8Topic 1

Which of the following approaches can be used to ingest data directly from cloud-based object storage?

A. Create an external table while specifying the DBFS storage path to FROM

B. Create an external table while specifying the DBFS storage path to PATH

C. It is not possible to directly ingest data from cloud-based object storage

D. Create an external table while specifying the object storage path to FROM

E. Create an external table while specifying the object storage path to LOCATION

Correct Answer: E

Question #9Topic 1

A data analyst wants to create a dashboard with three main sections: Development, Testing, and Production. They want all three sections on the same dashboard, but they want to clearly designate the sections using text on the dashboard.

Which of the following tools can the data analyst use to designate the Development, Testing, and Production sections using text?

A. Separate endpoints for each section

B. Separate queries for each section

C. Markdown-based text boxes

D. Direct text written into the dashboard in editing mode

E. Separate color palettes for each section

Correct Answer: C

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