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Vendor:Databricks

Exam

Code:DATABRICKS-CERTIFIED-DATA-ANALYST-ASSOCIATE

Exam Name:Databricks Certified Data Analyst Associate Exam

Version:Demo

QUESTION 1

A data team has been given a series of projects by a consultant that need to be implemented in the Databricks Lakehouse Platform.

Which of the following projects should be completed in Databricks SQL?

- A. Testing the quality of data as it is imported from a source
- B. Tracking usage of feature variables for machine learning projects
- C. Combining two data sources into a single, comprehensive dataset
- D. Segmenting customers into like groups using a clustering algorithm
- E. Automating complex notebook-based workflows with multiple tasks

Correct Answer: C

QUESTION 2

A data analyst has created a user-defined function using the following line of code:

```
CREATE FUNCTION price(spend DOUBLE, units DOUBLE)
```

```
RETURNS DOUBLE
```

```
RETURN spend / units;
```

Which of the following code blocks can be used to apply this function to the `customer_spend` and `customer_units` columns of the table `customer_summary` to create column `customer_price`?

- A. `SELECT PRICE customer_spend, customer_units AS customer_price FROM customer_summary`
- B. `SELECT price FROM customer_summary`
- C. `SELECT function(price(customer_spend, customer_units)) AS customer_price FROM customer_summary`
- D. `SELECT double(price(customer_spend, customer_units)) AS customer_price FROM customer_summary`
- E. `SELECT price(customer_spend, customer_units) AS customer_price FROM customer_summary`

Correct Answer: E

QUESTION 3

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

QUESTION 4

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?

- A. Business analyst
- B. SQL analyst
- C. Data engineer
- D. Business intelligence analyst
- E. Data analyst

Correct Answer: C

QUESTION 5

Which of the following commands can the analyst use to complete the task without producing an error?

- A. DROP DATABASE database_name;
- B. DROP TABLE database_name.table_name;
- C. DELETE TABLE database_name.table_name;
- D. DELETE TABLE table_name FROM database_name;

E. DROP TABLE table_name FROM database_name;

Correct Answer: B

QUESTION 6

A data analyst runs the following command:

```
SELECT age, country FROM my_table WHERE age >= 75 AND country = 'canada';
```

Which of the following tables represents the output of the above command?

A.

age	country
80	canada
<i>NULL</i>	canada
90	<i>NULL</i>

B.

age	country
80	<i>NULL</i>
75	<i>NULL</i>
90	<i>NULL</i>

C.

id	age	country
900	80	canada
901	75	canada
902	90	canada

D.

age	country
80	canada
14	canada
90	canada

E.

age	country
80	canada
75	canada
90	canada

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Correct Answer: E

QUESTION 7

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 8

An analyst writes a query that contains a query parameter. They then add an area chart visualization to the query. While adding the area chart visualization to a dashboard, the analyst chooses "Dashboard Parameter" for the query parameter associated with the area chart.

Which of the following statements is true?

- A. The area chart will use whatever is selected in the Dashboard Parameter while all of the other visualizations will remain unchanged regardless of their parameter use.
- B. The area chart will use whatever is selected in the Dashboard Parameter along with all of the other visualizations in the dashboard that use the same parameter.
- C. The area chart will use whatever value is chosen on the dashboard at the time the area chart is added to the dashboard.
- D. The area chart will use whatever value is input by the analyst when the visualization is added to the dashboard. The parameter cannot be changed by the user afterwards.
- E. The area chart will convert to a Dashboard Parameter.

Correct Answer: B

QUESTION 9

A data analyst has been asked to configure an alert for a query that returns the income in the `accounts_receivable` table for a date range. The date range is configurable using a Date query parameter.

The Alert does not work.

Which of the following describes why the Alert does not work?

- A. Alerts don't work with queries that access tables.
- B. Queries that return results based on dates cannot be used with Alerts.
- C. The wrong query parameter is being used. Alerts only work with Date and Time query parameters.
- D. Queries that use query parameters cannot be used with Alerts.
- E. The wrong query parameter is being used. Alerts only work with dropdown list query parameters, not dates.

Correct Answer: D

QUESTION 10

A data analyst needs to use the Databricks Lakehouse Platform to quickly create SQL queries and data visualizations. It is a requirement that the compute resources in the platform can be made serverless, and it is expected that data visualizations can be placed within a dashboard.

Which of the following Databricks Lakehouse Platform services/capabilities meets all of these requirements?

- A. Delta Lake
- B. Databricks Notebooks
- C. Tableau
- D. Databricks Machine Learning
- E. Databricks SQL

Correct Answer: E

QUESTION 11

After running `DESCRIBE EXTENDED accounts.customers;`, the following was returned:

Now, a data analyst runs the following command:

```
DROP accounts.customers;
```

Which of the following describes the result of running this command?

- A. Running `SELECT * FROM delta.`dbfs:/stakeholders/customers`` results in an error.
- B. Running `SELECT * FROM accounts.customers` will return all rows in the table.

- C. All files with the .customers extension are deleted.
- D. The accounts.customers table is removed from the metastore, and the underlying data files are deleted.
- E. The accounts.customers table is removed from the metastore, but the underlying data files are untouched.

Correct Answer: E

QUESTION 12

A data analyst created and is the owner of the managed table my_ table. They now want to change ownership of the table to a single other user using Data Explorer.

Which of the following approaches can the analyst use to complete the task?

- A. Edit the Owner field in the table page by removing their own account
- B. Edit the Owner field in the table page by selecting All Users
- C. Edit the Owner field in the table page by selecting the new owner\'s account
- D. Edit the Owner field in the table page by selecting the Admins group
- E. Edit the Owner field in the table page by removing all access

Correct Answer: C