

Valid Databricks-Certified-Professional-Data-Engineer Exam Papers, New Databricks-Certified-Professional-Data-Engineer Exam Book



It is understandable that different people have different preference in terms of Databricks-Certified-Professional-Data-Engineer study guide. Taking this into consideration, and in order to cater to the different requirements of people from different countries in the international market, we have prepared three kinds of versions of our Databricks-Certified-Professional-Data-Engineer Preparation questions in this website, namely, PDF version, APP online and software version, and you can choose any one of them as you like. You will our Databricks-Certified-Professional-Data-Engineer exam dumps are the best!

Databricks Certified Professional Data Engineer is a certification exam that tests the skills and knowledge required to design and implement data solutions using Databricks. Databricks is a cloud-based data platform that helps organizations manage and process large amounts of data. Databricks Certified Professional Data Engineer Exam certification exam is designed for data engineers who are responsible for creating and maintaining data pipelines, managing data storage, and implementing data solutions.

Databricks Databricks-Certified-Professional-Data-Engineer is a certification that validates the skills and knowledge of professionals who work with big data and data engineering. Databricks-Certified-Professional-Data-Engineer exam is designed for individuals who have experience in designing, building, and maintaining data pipelines on the Databricks platform. Databricks Certified Professional Data Engineer Exam certification confirms that the candidate has proficiency in building robust, scalable, and efficient big data solutions in the cloud.

>> Valid Databricks-Certified-Professional-Data-Engineer Exam Papers <<

New Databricks Databricks-Certified-Professional-Data-Engineer Exam Book & Databricks-Certified-Professional-Data-Engineer Test Testking

Many of our users have told us that they are really busy. Students have to take a lot of professional classes and office workers have their own jobs. They can only learn our Databricks-Certified-Professional-Data-Engineer exam questions in some fragmented time. And our Databricks-Certified-Professional-Data-Engineer training guide can meet your requirements. For there are three versions of Databricks-Certified-Professional-Data-Engineer learning materials and are not limited by the device. They are the versions of PDF, Software and APP online.

Databricks Certified Professional Data Engineer Exam Sample Questions (Q158-Q163):

NEW QUESTION # 158

You are currently working on a notebook that will populate a reporting table for downstream process consumption, this process needs to run on a schedule every hour, what type of cluster are you going to use to set up this job?

- A. Since it's just a single job and we need to run every hour, we can use an all-purpose cluster
- **B. The job cluster is best suited for this purpose.**
- C. Use Azure VM to read and write delta tables in Python
- D. Use delta live table pipeline to run in continuous mode

Answer: B

Explanation:

Explanation

The answer is, The Job cluster is best suited for this purpose.

Since you don't need to interact with the notebook during the execution especially when it's a scheduled job, job cluster makes sense. Using an all-purpose cluster can be twice as expensive as a job cluster.

FYI,

When you run a job scheduler with option of creating a new cluster when the job is complete it terminates the cluster. You cannot restart a job cluster.

NEW QUESTION # 159

A production workload incrementally applies updates from an external Change Data Capture feed to a Delta Lake table as an always-on Structured Stream job. When data was initially migrated for this table, OPTIMIZE was executed and most data files were resized to 1 GB. Auto Optimize and Auto Compaction were both turned on for the streaming production job. Recent review of data files shows that most data files are under 64 MB, although each partition in the table contains at least 1 GB of data and the total table size is over 10 TB.

Which of the following likely explains these smaller file sizes?

- A. Databricks has autotuned to a smaller target file size based on the overall size of data in the table
- B. Databricks has autotuned to a smaller target file size based on the amount of data in each partition
- C. Z-order indices calculated on the table are preventing file compaction C Bloom filter indices calculated on the table are preventing file compaction
- **D. Databricks has autotuned to a smaller target file size to reduce duration of MERGE operations**

Answer: D

Explanation:

This is the correct answer because Databricks has a feature called Auto Optimize, which automatically optimizes the layout of Delta Lake tables by coalescing small files into larger ones and sorting data within each file by a specified column. However, Auto Optimize also considers the trade-off between file size and merge performance, and may choose a smaller target file size to reduce the duration of merge operations, especially for streaming workloads that frequently update existing records. Therefore, it is possible that Auto Optimize has autotuned to a smaller target file size based on the characteristics of the streaming production job. Verified References: [Databricks Certified Data Engineer Professional], under "Delta Lake" section; Databricks Documentation, under "Auto Optimize" section.

<https://docs.databricks.com/en/delta/tune-file-size.html#autotune-table> 'Autotune file size based on workload'

NEW QUESTION # 160

You are asked to set up an alert to notify in an email every time a KPI indicator increases beyond a threshold value, team also asked you to include the actual value in the alert email notification.

- A. Use notebook and python code to run every minute, using python variables to capture send the information in an email
- **B. Setup an alert but use the custom template to notify the message in email's subject**
- C. Use the webhook destination instead so alert message can be customized
- D. Setup an alert but use the default template to notify the message in email's subject
- E. Use custom email hook to customize the message

Answer: B

Explanation:

Explanation

Alerts support custom template supports using variables to customize the default message, set up the query to compare the KPI current value to the threshold and use the variable QUE-RY_RESULT_VALUE to display the value in the email notification.

here is a simple alert, that uses variables in the custom template to present these values in the email notification message, when the

Alert is fired these variables get replaced with actual values.

Alert with custom template

Graphical user interface, application Description automatically generated

Query: sample query

Value column: utilization_kpi Condition: > Threshold: 75

Trigger when

Top row value is 78. Only the first row of results is evaluated, so consider adding an aggregation or sorting your query.

When triggered, send notification: Just once

Template: Use custom template

Subject / Body

Current Utilization: {{QUERY_RESULT_VALUE}}

Utilization is {{QUERY_RESULT_VALUE}} more than the {{ALERT_THRESHOLD}}

Preview

When you enable preview you can see how the alert looks when you substitute the variables.

Graphical user interface, text, application, email Description automatically generated

Subject / Body

Current Utilization: 78

Utilization is 78 more than the 75

Preview

Below are additional template variables available to you with the custom template.

Alerts | Databricks on AWS

Graphical user interface, text, application, email Description automatically generated

5. In the **Template** drop-down, choose a template:

- **Use default template:** Alert notification is a message with links to the Alert configuration screen and the Query screen.
- **Use custom template:** Alert notification includes more specific information about the alert.
 - a. A box displays, consisting of input fields for subject and body. Any static content is valid, and you can incorporate built-in template variables:
 - **ALERT_STATUS:** The evaluated alert status (string).
 - **ALERT_CONDITION:** The alert condition operator (string).
 - **ALERT_THRESHOLD:** The alert threshold (string or number).
 - **ALERT_NAME:** The alert name (string).
 - **ALERT_URL:** The alert page URL (string).
 - **QUERY_NAME:** The associated query name (string).
 - **QUERY_URL:** The associated query page URL (string).
 - **QUERY_RESULT_VALUE:** The query result value (string or number).
 - **QUERY_RESULT_ROWS:** The query result rows (value array).
 - **QUERY_RESULT_COLS:** The query result columns (string array).

An example subject, for instance, could be: Alert "{{ALERT_NAME}}" changed status to {{ALERT_STATUS}}.

b. Click the **Preview** toggle button to preview the rendered result.

NEW QUESTION # 161

The following table consists of items found in user carts within an e-commerce website.

id	item	count	coupon	email
1001	"BOOKS"	count: 1	"50%OFF"	"u1@databricks.com"
1002	"VIDEO45"	count: 2	"20%OFF"	"u2@databricks.com"
1003	"VIDEO56"	count: 2	"20%OFF"	"u3@databricks.com"

The following MERGE statement is used to update this table using an updates view, with schema evaluation enabled on this table.

```
MERGE INTO c
USING updates
ON c.id = updates.id
WHEN MATCHED
THEN UPDATE SET *
```

How would the following update be handled?

(new nested field, matching existing column)

10 items

1001["BOOKS", count: 1, coupon: "50%OFF"]

How would the following update be handled?

- A. The update is moved to separate "restored" column because it is missing a column expected in the target schema.
- B. The new restored field is added to the target schema, and dynamically read as NULL for existing unmatched records.
- C. The update throws an error because changes to existing columns in the target schema are not supported.
- **D. The new nested field is added to the target schema, and files underlying existing records are updated to include NULL values for the new field.**

Answer: D

Explanation:

With schema evolution enabled in Databricks Delta tables, when a new field is added to a record through a MERGE operation, Databricks automatically modifies the table schema to include the new field. In existing records where this new field is not present, Databricks will insert NULL values for that field. This ensures that the schema remains consistent across all records in the table, with the new field being present in every record, even if it is NULL for records that did not originally include it.

References:

* Databricks documentation on schema evolution in Delta Lake: <https://docs.databricks.com/delta/delta-batch.html#schema-evolution>

NEW QUESTION # 162

The data architect has mandated that all tables in the Lakehouse should be configured as external (also known as "unmanaged") Delta Lake tables.

Which approach will ensure that this requirement is met?

- A. When configuring an external data warehouse for all table storage, leverage Databricks for all ELT.
- B. When the workspace is being configured, make sure that external cloud object storage has been mounted.
- C. When tables are created, make sure that the EXTERNAL keyword is used in the CREATE TABLE statement.
- D. When a database is being created, make sure that the LOCATION keyword is used.
- E. When data is saved to a table, make sure that a full file path is specified alongside the Delta format.

Answer: C

Explanation:

To create an external or unmanaged Delta Lake table, you need to use the EXTERNAL keyword in the CREATE TABLE statement. This indicates that the table is not managed by the catalog and the data files are not deleted when the table is dropped. You also need to provide a LOCATION clause to specify the path where the data files are stored. For example:

CREATE EXTERNAL TABLE events (date DATE, eventId STRING, eventType STRING, data STRING) USING DELTA LOCATION '/mnt/delta/events'; This creates an external Delta Lake table named events that references the data files in the '/mnt/delta/events' path. If you drop this table, the data files will remain intact and you can recreate the table with the same statement.

References:

- * <https://docs.databricks.com/delta/delta-batch.html#create-a-table>
- * <https://docs.databricks.com/delta/delta-batch.html#drop-a-table>

NEW QUESTION # 163

.....

The Databricks Databricks-Certified-Professional-Data-Engineer practice exam software of IteXamGuide has questions that have a striking resemblance to the queries of the Databricks Certified Professional Data Engineer Exam (Databricks-Certified-Professional-Data-Engineer) real questions. It has a user-friendly interface. You don't require an active internet connection to run it once the Databricks-Certified-Professional-Data-Engineer Practice Test software is installed on Windows computers and laptops.

New Databricks-Certified-Professional-Data-Engineer Exam Book: https://www.itexamguide.com/Databricks-Certified-Professional-Data-Engineer_braindumps.html

- New Databricks-Certified-Professional-Data-Engineer Exam Preparation □ Valid Test Databricks-Certified-Professional-Data-Engineer Test □ Training Databricks-Certified-Professional-Data-Engineer Pdf □ Search for [Databricks-Certified-Professional-Data-Engineer] and easily obtain a free download on ➡ www.torrentvalid.com □ □ Databricks-Certified-Professional-Data-Engineer Prepaway Dumps
- New Databricks-Certified-Professional-Data-Engineer Exam Preparation □ Interactive Databricks-Certified-Professional-Data-Engineer Practice Exam □ Pdf Databricks-Certified-Professional-Data-Engineer Files □ Search for ➡ Databricks-Certified-Professional-Data-Engineer □ on ➡ www.pdfvce.com □ □ □ immediately to obtain a free download □ New Databricks-Certified-Professional-Data-Engineer Exam Preparation
- New Databricks-Certified-Professional-Data-Engineer Exam Preparation □ Databricks-Certified-Professional-Data-Engineer Pass Exam □ Databricks-Certified-Professional-Data-Engineer Valid Exam Papers □ Easily obtain free download of “ Databricks-Certified-Professional-Data-Engineer ” by searching on (www.passcollection.com) □ □ Databricks-Certified-Professional-Data-Engineer Valid Exam Papers
- Trust the best-selling Databricks-Certified-Professional-Data-Engineer Cert Guide Valid Exam Papers □ The page for free download of ▶ Databricks-Certified-Professional-Data-Engineer ◀ on ➡ www.pdfvce.com □ will open immediately □ □ Valid Databricks-Certified-Professional-Data-Engineer Test Labs
- Interactive Databricks-Certified-Professional-Data-Engineer Practice Exam □ Pdf Databricks-Certified-Professional-Data-Engineer Files 📄 Pass4sure Databricks-Certified-Professional-Data-Engineer Study Materials □ Search for { Databricks-Certified-Professional-Data-Engineer } and download it for free on □ www.pass4leader.com □ website □ Latest Databricks-Certified-Professional-Data-Engineer Exam Simulator
- New Databricks-Certified-Professional-Data-Engineer Exam Preparation □ Latest Databricks-Certified-Professional-Data-Engineer Exam Simulator □ Valid Test Databricks-Certified-Professional-Data-Engineer Test □ Copy URL [www.pdfvce.com] open and search for [Databricks-Certified-Professional-Data-Engineer] to download for free □ □ New Databricks-Certified-Professional-Data-Engineer Exam Preparation
- Get a Free Demo of Databricks Databricks-Certified-Professional-Data-Engineer Questions Before Purchase □ Search for □ Databricks-Certified-Professional-Data-Engineer □ on 《 www.dumps4pdf.com 》 immediately to obtain a free download □ Latest Databricks-Certified-Professional-Data-Engineer Exam Simulator
- Databricks-Certified-Professional-Data-Engineer Dumps Torrent - Databricks-Certified-Professional-Data-Engineer Practice Questions - Databricks-Certified-Professional-Data-Engineer Exam Guide □ Search for { Databricks-Certified-Professional-Data-Engineer } on [www.pdfvce.com] immediately to obtain a free download □ Answers Databricks-Certified-Professional-Data-Engineer Free

- Get a Free Demo of Databricks Databricks-Certified-Professional-Data-Engineer Questions Before Purchase ☐ Simply search for “Databricks-Certified-Professional-Data-Engineer” for free download on [www.examcollectionpass.com] ☐ ☐ Valid Databricks-Certified-Professional-Data-Engineer Test Labs
- Get a Free Demo of Databricks Databricks-Certified-Professional-Data-Engineer Questions Before Purchase ☒ Open website { www.pdfvce.com } and search for ➡ Databricks-Certified-Professional-Data-Engineer ☐☐☐ for free download ☐ Databricks-Certified-Professional-Data-Engineer Pass Exam
- Free PDF Quiz Databricks - Databricks-Certified-Professional-Data-Engineer - Databricks Certified Professional Data Engineer Exam –Professional Valid Exam Papers ☐ Search for ☐ Databricks-Certified-Professional-Data-Engineer ☐ and download it for free on “www.getvalidtest.com” website ☐ Interactive Databricks-Certified-Professional-Data-Engineer Practice Exam
- house.jiatac.com, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, radhikastudyspace.com, www.stes.tyc.edu.tw, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, www.stes.tyc.edu.tw, royaaacademy.com.au, tooter.in, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, Disposable vapes