



DATABRICKS MACHINE LEARNING ASSOCIATE STUDY GUIDE PDF

Grab the Databricks ML Associate Certification PDF
Questions & Answers

Details of the Exam-Syllabus-Questions

MACHINE LEARNING ASSOCIATE

Databricks Certified Machine Learning Associate

45 Questions Exam – 70% Cut Score – Duration of 90 minutes

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Overview of the ML Associate Certification:

Who should take the [Machine Learning Associate exam](#)? This is the first question that comes to a candidate's mind when preparing for the ML Associate certification. The Machine Learning Associate certification is suitable for candidates who are keen to earn knowledge on the ML Engineer and grab their Databricks Certified Machine Learning Associate. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But Machine Learning Associate study guide PDF is here to solve the problem. Machine Learning Associate PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the Databricks Machine Learning Associate Certification?

There are several reasons why one should grab the Machine Learning Associate certification.

- The ML Associate certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the [Databricks Certified Machine Learning Associate](#) is a powerful qualification for a prosperous career.

What Is the Databricks Machine Learning Associate Certification Exam Structure?

Exam Name	Databricks Certified Machine Learning Associate
Exam Code	Machine Learning Associate
Exam Price	\$200 (USD)
Duration	90 mins
Questions	45
Passing Score	70%
Books / Training	Scalable Machine Learning with Apache Spark
Schedule Exam	Kryterion Webassessor
Sample Questions	Databricks Machine Learning Associate Sample Questions
Practice Exam	Databricks Machine Learning Associate Certification Practice Exam

Enhance Knowledge with Machine Learning Associate Sample Questions:

Question: 1

Which of the following steps are necessary to commit changes from a Databricks Repo to an external Git provider? (Select two)

- a) Merge changes to the master branch in the external Git provider
- b) Use Databricks notebooks to push changes
- c) Stage and commit changes in the Databricks workspace
- d) Pull requests from the Databricks workspace to the Git provider

Answer: b, c

Question: 2

A machine learning team wants to use the Python library newpackage on all of their projects. They share a cluster for all of their projects. Which approach makes the Python library newpackage available to all notebooks run on a cluster?

- a) Edit the cluster to use the Databricks Runtime for Machine Learning
- b) Set the runtime-version variable in their Spark session to "ml"
- c) Running %pip install newpackage once on any notebook attached to the cluster
- d) Adding /databricks/python/bin/pip install newpackage to the cluster's bash init script
- e) There is no way to make the newpackage library available on a cluster

Answer: d

Question: 3

When AutoML explores the key attributes of a dataset, which of the following elements does it typically not assess?

- a) The dataset's memory footprint.
- b) The potential impact of outliers on model performance.
- c) The balance or imbalance of classes in classification tasks.
- d) The encryption level of the dataset.

Answer: d

Question: 4

A data scientist has developed a two-class decision tree classifier using Spark ML and computed the predictions in a Spark DataFrame preds_df with the following schema:

- prediction DOUBLE
- actual DOUBLE

Which of the following code blocks can be used to compute the accuracy of the model according to the data in preds_df and assign it to the accuracy variable?

- a)

```
accuracy = RegressionEvaluator  
predictionCol="prediction",  
labelCol="actual",  
metricName="accuracy"  
)
```
- b)

```
accuracy = MulticlassClassificationEvaluator(  
predictionCol="prediction",  
labelCol="actual",  
metricName="accuracy"  
)  
accuracy = classification_evaluator.evaluate(preds_df)
```
- c)

```
classification_evaluator = BinaryClassificationEvaluator(  
predictionCol="prediction",  
labelCol="actual",  
metricName="accuracy"  
)
```
- d)

```
accuracy = Summarizer(  
predictionCol="prediction",  
labelCol="actual",  
metricName="accuracy"  
)
```

```
e) classification_evaluator = BinaryClassificationEvaluator(  
    predictionCol="prediction",  
    labelCol="actual",  
    metricName="accuracy"  
)  
  
accuracy = classification_evaluator.evaluate(preds_df)
```

Answer: e**Question: 5**

Where can you find the code that was executed with a run in the MLflow UI?

- a) In the run's metadata section.
- b) Inside the associated Git repository.
- c) Under the "Code" tab in the run's details page.
- d) It is not possible to view the executed code in the MLflow UI.

Answer: c**Question: 6**

Which of the following are key components of ML workflows in Databricks?

- a) Data ingestion
- b) Model serving
- c) Feature extraction
- d) Manual model tuning

Answer: a, b, c

Question: 7

A data scientist is developing a machine learning model. They made changes to their code in a text editor on their local machine, committed them to the project's Git repository, and pushed the changes to an online Git provider. Now, they want to load those changes into Databricks. The Databricks workspace contains an out-of-date version of the Git repository.

How can the data scientist complete this task?

- a) Open the Repo Git dialog and enable automatic syncing.
- b) Open the Repo Git dialog and click the "Sync" button.
- c) Open the Repo Git dialog and click the "Merge" button.
- d) Open the Repo Git dialog and click the "Pull" button.
- e) Open the Repo Git dialog and enable automatic pulling.

Answer: d

Question: 8

A senior machine learning engineer is developing a machine learning pipeline. They set up the pipeline to automatically transition a new version of a registered model to the Production stage in the Model Registry once it passes all tests using the MLflow Client API client.

Which operation was used to transition the model to the Production stage?

- a) `Client.update_model_stage`
- b) `client.transition_model_version_stage`
- c) `client.transition_model_version`
- d) `client.update_model_version`

Answer: b

Question: 9

How can you identify the best run using the MLflow Client API?

- a) By manually reviewing each run's metrics.
- b) Utilizing the `search_runs` function with a specific metric sort order.
- c) Comparing run IDs manually for performance metrics.
- d) Using a custom Python script outside of MLflow.

Answer: b

Question: 10

A data scientist has computed updated rows that contain new feature values for primary keys already stored in the Feature Store table `features`. The updated feature values are stored in the DataFrame `features_df`.

They want to update the rows in `features` if the associated primary key is in `features_df`. If a row's primary key is not in `features_df`, they want the row to remain unchanged in `features`.

Which code block using the Feature Store Client `fs` can be used to accomplish this task?

- a)

```
fs.write_table(  
    name="features",  
    df=features_df,  
    mode="merge"  
)
```
- b)

```
fs.write_table(  
    name="features",  
    df=features_df,  
    mode="overwrite"  
)
```

```
c) fs.write_table(  
  
name="features",  
  
df=features_df,  
  
)  
  
d) fs.create_table(  
  
name="features",  
  
df=features_df,  
  
mode="append"  
  
)
```

Answer: a

What Study Guide Works Best in Acing the Databricks ML Associate Certification?

The Machine Learning Associate study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the ML Associate exam, getting in full touch of the [syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

Do not forget to join the Databricks Machine Learning Associate training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and Utilize the Databricks Machine Learning Associate Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, Machine Learning Associate practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven ML Associate Practice Test for Success!!!

Do you want to pass the Machine Learning Associate exam on your first attempt? Stop worrying; we, Certfun.com are here to provide you the best experience during your Databricks Certified Machine Learning Associate preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [Machine Learning Associate practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.