



# DATABRICKS DEVELOPER FOR APACHE SPARK - PYTHON STUDY GUIDE PDF

Grab the Databricks Apache Spark Developer Associate  
Certification PDF Questions & Answers

[Details of the Exam-Syllabus-Questions](#)

**DEVELOPER FOR APACHE SPARK - PYTHON**

**[Databricks Certified Associate Developer for Apache Spark](#)**

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

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## Get an Overview of the Developer for Apache Spark - Python Certification:

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

## Why Should You Earn the Databricks Developer for Apache Spark - Python Certification?

There are several reasons why one should grab the Developer for Apache Spark - Python certification.

- The Apache Spark Developer 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 Associate Developer for Apache Spark](#) is a powerful qualification for a prosperous career.

# What Is the Databricks Developer for Apache Spark - Python Certification Exam Structure?

Exam Name	Databricks Certified Associate Developer for Apache Spark
Exam Code	Developer for Apache Spark - Python
Exam Price	\$200 (USD)
Duration	90 mins
Number of Questions	45
Passing Score	70%
Books / Training	<a href="#">Apache Spark™ Programming with Databricks</a>
Schedule Exam	<a href="#">Databricks Webassessor</a>
Sample Questions	<a href="#">Databricks Developer for Apache Spark - Python Sample Questions</a>
Practice Exam	<a href="#">Databricks Developer for Apache Spark - Python Certification Practice Exam</a>

## Enhance Knowledge with Developer for Apache Spark - Python Sample Questions:

### Question: 1

Which of the following statements is NOT true for broadcast variables?

- a) It provides a mutable variable that a Spark cluster can safely update on a per-row basis.
- b) It is a way of updating a value inside of a variety of transformations and propagating that value to the driver node in an efficient and fault-tolerant way.
- c) You can define your own custom broadcast class by extending `org.apache.spark.util.BroadcastV2` in Java or Scala or `pyspark.AccumulatorParams` in Python.
- d) Broadcast variables are shared, immutable variables that are cached on every machine in the cluster instead of serialized with every single task.
- e) The canonical use case is to pass around a small large table that does fit in memory on the executors.

**Answer: a, b, c**

**Question: 2**

Which of the following are valid execution modes?

- a) Kubernetes, Local, Client
- b) Client, Cluster, Local
- c) Server, Standalone, Client
- d) Cluster, Server, Local
- e) Standalone, Client, Cluster

**Answer: b**

**Question: 3**

The code block displayed below contains an error. The code block is intended to join DataFrame itemsDf with the larger DataFrame transactionsDf on column itemId. Find the error.

**Code block: transactionsDf.join(itemsDf, "itemId", how="broadcast")**

- a) The syntax is wrong, how= should be removed from the code block.
- b) The join method should be replaced by the broadcast method.
- c) Spark will only perform the broadcast operation if this behavior has been enabled on the Spark cluster.
- d) The larger DataFrame transactionsDf is being broadcasted, rather than the smaller DataFrame itemsDf
- e) broadcast is not a valid join type.

**Answer: e**

**Question: 4**

The code blown down below intends to join df1 with df2 with inner join but it contains an error. Identify the error.

```
d1.join(d2, "inner", d1.col("id") === df2.col("id"))
```

- a) The join type is not in right order. The correct query should be `d2.join(d1, d1.col("id") === df2.col("id"), "inner")`
- b) There should be two `==` instead of `===`. So the correct query is `d1.join(d2, "inner", d1.col("id") == df2.col("id"))`
- c) Syntax is not correct `d1.join(d2, d1.col("id") == df2.col("id"), "inner")`
- d) We cannot do inner join in spark 3.0, but it is in the roadmap.

**Answer: c**

**Question: 5**

Which of the following code blocks adds a column `predErrorSqrt` to DataFrame `transactionsDf` that is the square root of column `predError`?

- a) `transactionsDf.withColumn("predErrorSqrt", sqrt(col("predError")))`
- b) `transactionsDf.withColumn("predErrorSqrt", sqrt(predError))`
- c) `transactionsDf.select(sqrt(predError))`
- d) `transactionsDf.withColumn("predErrorSqrt", col("predError").sqrt())`
- e) `transactionsDf.select(sqrt("predError"))`

**Answer: a**

**Question: 6**

Which of the following DataFrame methods is classified as a transformation?

- a) DataFrame.count()
- b) DataFrame.show()
- c) DataFrame.select()
- d) DataFrame.foreach()
- e) DataFrame.first()

**Answer: c**

**Question: 7**

Which of the following three DataFrame operations are classified as an action? (Choose 3 answers)

- a) PrintSchema()
- b) Show()
- c) First()
- d) limit()
- e) foreach()
- f) cache

**Answer: b, c, e**

**Question: 8**

What command we can use to get the number of partition of a dataframe named df?

- a) df.rdd.getPartitionSize()
- b) df.getPartitionSize()
- c) df.getNumPartitions()
- d) df.rdd.getNumPartitions()

**Answer: d**

**Question: 9**

If we want to create a constant integer 1 as a new column 'new\_column' in a dataframe df, which code block we should select?

- a) `df.withColumnRenamed('new_column', lit(1))`
- b) `df.withColumn(new_column, lit(1))`
- c) `df.withColumn("new_column", lit("1"))`
- d) `df.withColumn("new_column", 1)`
- e) `df.withColumn("new_column", lit(1))`

**Answer: e**

**Question: 10**

If spark is running in client mode, which of the following statement about is correct?

- a) Spark driver is randomly attributed to a machine in the cluster
- b) Spark driver is attributed to the machine that has the most resources
- c) Spark driver remains on the client machine that submitted the application
- d) The entire spark application is run on a single machine.

**Answer: c**

## What Study Guide Works Best in Acing the Databricks Developer for Apache Spark - Python Certification?

The Developer for Apache Spark - Python 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 Apache Spark Developer 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 Developer for Apache Spark - Python 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 Developer for Apache Spark - Python 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, Developer for Apache Spark - Python practice tests always stand out to be the better choice than dumps PDF.

## **Avail the Proven Developer for Apache Spark - Python Practice Test for Success!!!**

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