

# Associate-Developer-Apache-Spark-3.5 Reliable Exam Bootcamp - Latest Associate-Developer-Apache-Spark-3.5 Cram Materials



BTW, DOWNLOAD part of DumpsTests Associate-Developer-Apache-Spark-3.5 dumps from Cloud Storage: <https://drive.google.com/open?id=1YtDtkf8wxETwSoyIfArAqUzeIYj2UvrW>

There are many advantages of our Databricks Associate-Developer-Apache-Spark-3.5 pdf torrent: latest real questions, accurate answers, instantly download and high passing rate. You can totally trust our Databricks Associate-Developer-Apache-Spark-3.5 Practice Test because all questions are created based on the requirements of the certification center.

We provide free PDF demo of our Associate-Developer-Apache-Spark-3.5 practice questions download before purchasing our complete version. After purchasing we provide one year free updates and one year customer service on our Associate-Developer-Apache-Spark-3.5 learning materials. Also we promise "Pass Guaranteed" with our Associate-Developer-Apache-Spark-3.5 training braindump. Our aim is to make our pass rate high up to 100% and the ratio of customer satisfaction is also 100%. If you are looking for valid Associate-Developer-Apache-Spark-3.5 preparation materials, don't hesitate, go ahead to choose us.

>> Associate-Developer-Apache-Spark-3.5 Reliable Exam Bootcamp <<

## Latest Databricks Associate-Developer-Apache-Spark-3.5 Cram Materials, Latest Associate-Developer-Apache-Spark-3.5 Exam Pattern

Different with other similar education platforms on the internet, the Databricks Certified Associate Developer for Apache Spark 3.5 - Python guide torrent has a high hit rate, in the past, according to data from the students' learning to use the Associate-Developer-Apache-Spark-3.5 test torrent, 99% of these students can pass the qualification test and acquire the qualification of their learning, this powerfully shows that the information provided by the Associate-Developer-Apache-Spark-3.5 Study Tool suit every key points perfectly, targeted training students a series of patterns and problem solving related routines, and let students answer up to similar topic.

## Databricks Certified Associate Developer for Apache Spark 3.5 - Python Sample Questions (Q58-Q63):

### NEW QUESTION # 58

A DataFrame df has columns name, age, and salary. The developer needs to sort the DataFrame by age in ascending order and salary in descending order.

Which code snippet meets the requirement of the developer?

- A. df.sort("age", "salary", ascending=[False, True]).show()
- B. df.orderBy(col("age").asc(), col("salary").asc()).show()
- C. df.sort("age", "salary", ascending=[True, True]).show()
- D. df.orderBy("age", "salary", ascending=[True, False]).show()

### Answer: D

Explanation:

To sort a PySpark DataFrame by multiple columns with mixed sort directions, the correct usage is:

python

CopyEdit

df.orderBy("age", "salary", ascending=[True, False])

age will be sorted in ascending order

salary will be sorted in descending order

The orderBy() and sort() methods in PySpark accept a list of booleans to specify the sort direction for each column.

Documentation Reference: PySpark API - DataFrame.orderBy

### NEW QUESTION # 59

The following code fragment results in an error:

```
@F.udf(T.IntegerType())
def simple_udf(t: str) -> str:
    return answer * 3.14159
```

Which code fragment should be used instead?

- A. @F.udf(T.IntegerType())
 def simple\_udf(t: float) -> float:
 return t \* 3.14159
- B. @F.udf(T.DoubleType())
 def simple\_udf(t: float) -> float:
 return t \* 3.14159
- C. @F.udf(T.IntegerType())
 def simple\_udf(t: int) -> int:
 return t \* 3.14159
- D. @F.udf(T.DoubleType())
 def simple\_udf(t: int) -> int:
 return t \* 3.14159

### Answer: B

Explanation:

The original code has several issues:

It references a variable answer that is undefined.

The function is annotated to return a str, but the logic attempts numeric multiplication.

The UDF return type is declared as T.IntegerType() but the function performs a floating-point operation, which is incompatible.

Option B correctly:

Uses DoubleType to reflect the fact that the multiplication involves a float (3.14159).

Declares the input as float, which aligns with the multiplication.

Returns a float, which matches both the logic and the schema type annotation.

This structure aligns with how PySpark expects User Defined Functions (UDFs) to be declared:

"To define a UDF you must specify a Python function and provide the return type using the relevant Spark SQL type (e.g., DoubleType for float results)." Example from official documentation:

```
from pyspark.sql.functions import udf
from pyspark.sql.types import DoubleType
@udf(returnType=DoubleType())
def multiply_by_pi(x: float) -> float:
    return x * 3.14159
```

This makes Option B the syntactically and semantically correct choice.

## NEW QUESTION # 60

A developer notices that all the post-shuffle partitions in a dataset are smaller than the value set for `spark.sql.adaptive.maxShuffledHashJoinLocalMapThreshold`.

Which type of join will Adaptive Query Execution (AQE) choose in this case?

- A. A Cartesian join
- **B. A shuffled hash join**
- C. A broadcast nested loop join
- D. A sort-merge join

### Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Adaptive Query Execution (AQE) dynamically selects join strategies based on actual data sizes at runtime. If the size of post-shuffle partitions is below the threshold set by:

`spark.sql.adaptive.maxShuffledHashJoinLocalMapThreshold`

then Spark prefers to use a shuffled hash join.

From the Spark documentation:

"AQE selects a shuffled hash join when the size of post-shuffle data is small enough to fit within the configured threshold, avoiding more expensive sort-merge joins." Therefore:

A is wrong - Cartesian joins are only used with no join condition.

B is correct - this is the optimized join for small partitioned shuffle data under AQE.

C and D are used under other scenarios but not for this case.

Final Answer: B

## NEW QUESTION # 61

A DataFrame has columns `name`, `age`, and `salary`. The developer needs to sort the DataFrame by `age` in ascending order and `salary` in descending order.

Which code snippet meets the requirement of the developer?

- A. `df.sort("age", "salary", ascending=[False, True]).show()`
- B. `df.orderBy(col("age").asc(), col("salary").asc()).show()`
- C. `df.sort("age", "salary", ascending=[True, True]).show()`
- **D. `df.orderBy("age", "salary", ascending=[True, False]).show()`**

### Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

To sort a PySpark DataFrame by multiple columns with mixed sort directions, the correct usage is:

python

CopyEdit

`df.orderBy("age", "salary", ascending=[True, False])`

`age` will be sorted in ascending order

`salary` will be sorted in descending order

The `orderBy()` and `sort()` methods in PySpark accept a list of booleans to specify the sort direction for each column.  
Documentation Reference: PySpark API - `DataFrame.orderBy`

## NEW QUESTION # 62

A data analyst builds a Spark application to analyze finance data and performs the following operations: `filter`, `select`, `groupBy`, and `coalesce`.

Which operation results in a shuffle?

- A. `groupBy`
- B. `select`
- C. `filter`
- D. `coalesce`

**Answer: A**

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

The `groupBy()` operation causes a shuffle because it requires all values for a specific key to be brought together, which may involve moving data across partitions.

In contrast:

`filter()` and `select()` are narrow transformations and do not cause shuffles.

`coalesce()` tries to reduce the number of partitions and avoids shuffling by moving data to fewer partitions without a full shuffle (unlike `repartition()`).

Reference: Apache Spark - Understanding Shuffle

## NEW QUESTION # 63

.....

Generally speaking, preparing for the Associate-Developer-Apache-Spark-3.5 exam is a very hard and even some suffering process. Because time is limited, sometimes we have to spare time to do other things to review the exam content, which makes the preparation process full of pressure and anxiety. But from the point of view of customers, our Associate-Developer-Apache-Spark-3.5 Actual Exam will not let you suffer from this. We have a high pass rate of our Associate-Developer-Apache-Spark-3.5 study materials as 98% to 100%. Our Associate-Developer-Apache-Spark-3.5 learning quiz will be your best choice.

**Latest Associate-Developer-Apache-Spark-3.5 Cram Materials:** <https://www.dumpstests.com/Associate-Developer-Apache-Spark-3.5-latest-test-dumps.html>

Databricks Associate-Developer-Apache-Spark-3.5 Reliable Exam Bootcamp The latest version will be automatically sent to you by our system, if you have any other questions, just contact us, Latest Associate-Developer-Apache-Spark-3.5 Cram Materials is the industry leader in information technology, and getting certified by them is a guaranteed way to succeed with IT careers, Associate-Developer-Apache-Spark-3.5 PDF version is printable, and you can study anytime.

If you get this warning dialog, the prudent thing to do is New Associate-Developer-Apache-Spark-3.5 Dumps Free make a note of the missing profiles, click the Cancel button, then go find the missing profiles and install them.

Displaying Lists on Forms, The latest version will Associate-Developer-Apache-Spark-3.5 be automatically sent to you by our system, if you have any other questions, just contact us, Databricks Certification is the industry leader in information Associate-Developer-Apache-Spark-3.5 Reliable Exam Bootcamp technology, and getting certified by them is a guaranteed way to succeed with IT careers.

## First-Grade Associate-Developer-Apache-Spark-3.5 Reliable Exam Bootcamp | Easy To Study and Pass Exam at first attempt & Top Databricks Databricks Certified Associate Developer for Apache Spark 3.5 - Python

Associate-Developer-Apache-Spark-3.5 PDF version is printable, and you can study anytime, We are the only one site can offer demo for almost all products, We can claim that with our Associate-Developer-Apache-Spark-3.5 training engine for 20 to 30 hours, you can pass the exam with ease.

DOWNLOAD the newest DumpsTests Associate-Developer-Apache-Spark-3.5 PDF dumps from Cloud Storage for free: <https://drive.google.com/open?id=1YtDtkf8wxETwSoyIfArAqUzeIYj2UvrW>