

40. BI V7 MS Azure Sprint 2 MTT MCQ 30

☰ MCQ

Description

What is amazon redshift?

Answer

Please choose a correct answer.

✖ UNSOLVED

CLEAR

 Data Warehouse NoSQL Database Deployment Service In Memory Caching ServiceHaving an issue with this question? [Report](#)[CONTINUE TO SUBMISSION PAGE](#)

39. BI V7 MS Azure Sprint 2 MTT MCQ 29

MCQ

Description

_____ model attempts to categorize a cloud network based on four dimensional factors.



Answer

Please choose a correct answer.

CLEAR

ATTEMPTED

 Cloud Square Cloud Service Cloud Cube All of the mentioned

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All 29 30 31 32 33 34 35 36 37 38 39 40 38. BI V7 MS Azure Sprint 2 MTT MCQ 28

MCQ

Description

How many types of dimensions exists in Cloud Cube Model?

Answer

Please choose a correct answer.

 ATTEMPTED

CLEAR

 1 2 3 4



37. BI V7 MS Azure Sprint 2 MTT MCQ 27

MCQ

Description

Which of the following is the deployment model?

Answer

Please choose a correct answer.

ATTEMPTED

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public

private

hybrid

All of the mentioned



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All 1. BI V7 MS Azure Sprint 2 MTT MCQ 40

MCQ

Description

Given below are two NumPy arrays (correct answer is 0)

```
A = np.random.randint(0,10,(4,4))  
B = np.zeros((4,4))
```

What is the value of A multiplied with B i.e (A*B)?

Answer

Please choose a correct answer.

CLEAR

ATTEMPTED

 0 2 4 None of the above

All

22. BI V7 MS Azure Sprint 2 MTT MCQ 12

≡ MCQ

Description

Which one of the following is a Databrick concept?

Answer

Please choose a correct answer.

ATTEMPTED

 Workspace Authentication and authorization Data Management All of the above

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3. BI V7 MS Azure Sprint 2 MTT MCQ 38

MCQ

Description

Consider the same dictionary: (correct answer is b)

```
d = {'foo': 100, 'bar': 200, 'baz': 300}
```

What is the result of this statement?

```
d['bar' : 'baz']
```

Answer

Please choose a correct answer.

CLEAR

ATTEMPTED

 -200300 It will raise an exception 200 300

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20. BI V7 MS Azure Sprint 2 MTT MCQ 10

MCQ

Description

How would you SQL language in Python Notebook in Databricks?

Answer

Please choose a correct answer.

ATTEMPTED

 CLEAR

%SQL

#SQL

&SQL

!SQL



Having an issue with this question?  Report

CONTINUE TO NEXT QUESTIONS

All

18. BI V7 MS Azure Sprint 2 MTT MCQ 8

MCQ

Description

What of the following cluster type is supported in data bricks?



Answer

Please choose a correct answer.

 ATTEMPTED CLEAR High Concurrency Single node Standard All of the above

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17. BI V7 MS Azure Sprint 2 MTT MCQ 7

MCQ

Description

What is the native language of spark?

Answer

Please choose a correct answer.

CLEAR

 Java Scala Spark Python

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19. BI V7 MS Azure Sprint 2 MTT MCQ 9

MCQ

Description

Which of the following isn't an action in RDD?

Answer

Please choose a correct answer.

 ATTEMPTED

CLEAR

 Count Collect Reduce Map

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16. BI V7 MS Azure Sprint 2 MTT MCQ 6

MCQ

Description

What are the abstractions provided by Spark?



Answer

Please choose a correct answer.

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ATTEMPTED

 RDD Data Frame Data Sets All of the above

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15. BI V7 MS Azure Sprint 2 MTT MCQ 5

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MCQ

Description

Which of the following language is not supported by Spark?



Answer

Please choose a correct answer.

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ATTEMPTED

 Python Scala Java Pascal

14. BI V7 MS Azure Sprint 2 MTT MCQ 4

All

MCQ

Description

Which of the following provides in-memory computing?

Answer

Please choose a correct answer.

CLEAR

ATTEMPTED

 Apache Spark Apache Hadoop All of the above None of the Above

12. BI V7 MS Azure Sprint 2 MTT MCQ 2

≡ MCQ

Description

Which of the following are features of Apache Spark?

Answer

Please choose a correct answer.

 CLEAR

- Speed
 - Supports multiple language
 - Advanced Analytics
 - All of the above

All 13. BI V7 MS Azure Sprint 2 MTT MCQ 3

6 MCQ

Description

_____ is a distributed graph processing framework on top of Spark.

Answer

Please choose a correct answer.

 ATTEMPTED CLEAR MLlib Spark Streaming GraphX None of the above

All 11. BI V7 MS Azure Sprint 2 MTT MCQ 1

6 MCQ

Description

Spark is best suited for _____ data.

Answer

Please choose a correct answer.

7 ATTEMPTED8 11 Real-time9 12 Virtual10 13 Structured11 14 All of the above

CLEAR



All 10. BI V7 MS Azure Sprint 2 MTT MCQ 31

MCQ

Description

From the following code :

```
1 class book:  
2     def __init__(a, b):  
3         a.o1 = b  
4  
5 class child(book):  
6     def __init__(a, b):  
7         a.o2 = b  
8  
8     obj = page(32)  
9     print "%d %d" % (obj.o1, obj.o2)
```



Which of the following is the correct output of this program?

Answer

Please choose a correct answer.

CLEAR

 ATTEMPTED

All 7. BI V7 MS Azure Sprint 2 MTT MCQ 34

MCQ

Description

Study the following code:

```
z = "xyz"  
j = "j"  
while j in z:  
    print(j, end=" ")
```

Which of the following is the correct output of this program?

Answer

Please choose a correct answer.

ATTEMPTED

CLEAR



XYZ

No output

x y z

All

36. BI V7 MS Azure Sprint 2 MTT MCQ 26

MCQ

Description

_____ model consists of the types of services that you can access on a cloud computing platform.



Answer

Please choose a correct answer.

ATTEMPTED

CLEAR

 Service Deployment Application None of the mentioned

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35. BI V7 MS Azure Sprint 2 MTT MCQ 25

≡ MCQ

Description

Given the file dog_breeds.txt, which of the following is the correct way to open the file for reading as a text file?



Answer

Please choose a correct answer.

 ATTEMPTED

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 open('dog_breeds.txt', 'w') open('dog_breeds.txt', 'wb') open('dog_breeds.txt', 'r') open('dog_breeds.txt', 'rb')

34. BI V7 MS Azure Sprint 2 MTT MCQ 24

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MCQ

Description

What will be the output of this expression?

```
x = sc.parallelize([1,2,3,4])
y = x.reduce(lambda a,b: a+b)
print(y)
```

Answer

Please choose a correct answer.

 CLEAR UNSOLVED 8 10 20 4

All

31. BI V7 MS Azure Sprint 2 MTT MCQ 21

≡ MCQ

Description

Which of the point is the starting point of Apache spark program?



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Answer

Please choose a correct answer.

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 ATTEMPTED Spark Context Spark session None of the above

33. BI V7 MS Azure Sprint 2 MTT MCQ 23

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MCQ

Description

What will the output of this expression?

```
x = sc.parallelize([1,2,3,3,4,2])
y = x.distinct()
print(y.collect())
```

Answer

Please choose a correct answer.

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ATTEMPTED

 [1,2,3,4] [1,3,4] [1,2,3] None of the above



32. BI V7 MS Azure Sprint 2 MTT MCQ 22

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MCQ

Description

What will be the output of this program?

```
x = sc.parallelize(["Khushi", "Humayun", "Rahul"])
y = x.map(lambda z: (z, len(z)))
print(y.collect())
```

Answer

Please choose a correct answer.

CLEAR

UNSOLVED

- [("Khushi",1),("Humayaun",1),("Rahul",1)]
- [("Khushi",6),("Humayaun",7),("Rahul",5)]
- [("Khushi",1),("Humayaun",2),("Rahul",3)]
- [("Khushi",4),("Humayaun",5),("Rahul",6)]



All 30. BI V7 MS Azure Sprint 2 MTT MCQ 20

23 MCQ

Description

What are the features of spark RDD?

Answer

Please choose a correct answer.

CLEAR

24 ATTEMPTED

25 In memory computation26 Lazy Transformations27 Fault Tolerance28 All of the above

29 Having an issue with this question? Report

30 CONTINUE TO NEXT QUESTIONS

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All

29. BI V7 MS Azure Sprint 2 MTT MCQ 19

≡ MCQ

Description

Apache Spark ACTIONS are triggered by all commands given below, except one. (Choose the invalid option.)

Answer

Please choose a correct answer.

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ATTEMPTED

 show() count() first() map()

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All

(Each correct option presents a part of the solution.)

- 16 A. Generate a Shared Access Signature.
17 B. Read from the storage account using the RDD API.
18 C. Mount a filesystem using a service principal.
19 D. Configure the storage account key with spark.conf.set().
20 E. Configure the storage account key with spark.sparkContext.hadoopConfiguration().

Answer

Please choose a correct answer.

CLEAR

UNSOLVED

 A and B B and C C and D B and E

Having an issue with this question? Report

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All 27. BI V7 MS Azure Sprint 2 MTT MCQ 17

MCQ

Description

You are working as a data engineer and your company is implementing a new azure Databricks workspace.

This environment has to be able to access private data stored in azure data lake store Gen2.

Credentials for azure databricks should be available in a secure way.

You have created a secret scope in the workspace and also have added the storage account key and a service principal secret.

To read from azure data lake store Gen2 you have to configure a notebook in the workspace.

What 2 actions should you be performing?

(Each correct option presents a part of the solution.)

- A. Generate a Shared Access Signature.
 - B. Read from the storage account using the RDD API.
 - C. Mount a filesystem using a service principal.
 - D. Configure the storage account key with `spark.conf.set()`.
 - E. Configure the storage account key with `spark.sparkContext.hadoopConfiguration()`.

Answer



28. BI V7 MS Azure Sprint 2 MTT MCQ 18

MCQ

Description

What are Spark Executors?



Answer

Please choose a correct answer.

CLEAR

UNSOLVED

 They manage the cluster resources They are responsible for running Applications Tasks Their primary responsibility is to execute garbage collection A & C Both

All 26. BI V7 MS Azure Sprint 2 MTT MCQ 16

16 MCQ

Description

17 You are working as a data engineer for your company.

18 Your company has an azure databricks account with an imported notebook.

19 You also have to create an azure data factory.

20 You have been given the task to ensure that data factory can access databricks.

21 What should you be creating?

Answer

22 Please choose a correct answer.

23 UNSOLVED

CLEAR

24 An access policy on a blob storage container25 A master key26 A blob storage container

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All

25. BI V7 MS Azure Sprint 2 MTT MCQ 15

16 MCQ

17 Description

You need to analyse large CSV file from azure blob storage and generate pie charts and bar charts without writing graphic code.
You are confident in python and SQL. Which azure service would you use as a first choice to analyse this file?

18 Answer

Please choose a correct answer.

CLEAR

19 ATTEMPTED

20 Azure Databricks21 Azure Data Lake22 Stream Analytics23 Log Analytics

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21. BI V7 MS Azure Sprint 2 MTT MCQ 11

☰ MCQ

Description

To which one of the following sources do Azure Databricks connect for collecting streaming data?



Answer

Please choose a correct answer.

CLEAR

ATTEMPTED

 Kafka Azure data lake CosmosDB None of the above

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23. BI V7 MS Azure Sprint 2 MTT MCQ 13

16 MCQ

Description

Which one of the following is incorrect regarding Workspace of Azure Databricks concept?

Answer

Please choose a correct answer.

 CLEAR UNSOLVED It manages ETL operations of data It can store notebooks, libraries and dashboards It is the root folder of Azure Databricks None of the above

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24. BI V7 MS Azure Sprint 2 MTT MCQ 14

≡ MCQ

Description

You have a task to ingest data from blob storage into databricks.
You created databricks and imported notebook from github.
Which next resource would you create to run code to ingest data?

Answer

Please choose a correct answer.

CLEAR

ATTEMPTED

 Cosmos DB account SQL Data warehouse Instance Spark Cluster Master Key

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Description

Study the following program:

```
i = 1:  
while True:  
    if i%3 == 0:  
        break  
    print(i)
```

Which of the following is the correct output of this program?

Answer

Please choose a correct answer.

CLEAR

ATTEMPTED

 1 2 2003 3 2 2001 12 Invalid Syntax

All

9. BI V7 MS Azure Sprint 2 MTT MCQ 32

≡ MCQ

Description

Study the following program:

```
x = ['xy', 'yz']
for i in a:
    i.upper()
print(a)
```

Which of the following is correct output of this program?

Answer

Please choose a correct answer.

CLEAR

ATTEMPTED



['xy', 'yz']

['XY', 'YZ']

[None, None]

All
1 2 3 4 5 6 7 8 9 10 11 12
4. BI V7 MS Azure Sprint 2 MTT MCQ 37

MCQ

Description

Shown below a format for definition of a dictionary in python:

Which one do you think is not the right format to define a dictionary?

Answer

Please choose a correct answer.

 ATTEMPTED CLEAR

```
d = {  
    ('foo', 100),  
    ('bar', 200),  
    ('baz', 300)  
}
```

d = dict(foo=100, bar=200, baz=300)

. d = {}
d['foo'] = 100
d['bar'] = 200

All

5. BI V7 MS Azure Sprint 2 MTT MCQ 36

MCQ

Description

Which of the following are true about python dictionaries?

Answer

Please choose all correct answers.

 CLEAR

- Dictionaries can be nested to any depth.
- Dictionaries are assessed by keys.
- Items are accessed by their position in a dictionary
- All the keys in the dictionary must be of same type
- Items are accessed by their position in a dictionary.





All 6. BI V7 MS Azure Sprint 2 MTT MCQ 35

1 MCQ

Description

How you can convert a spark data frame i.e. Df to a Pandas dataframe?

2 Answer

Please choose a correct answer.

3 UNSOLVED

4 Df.toPandas()

5 df.convert(pandas)

6 df.CreatePandas()

7 None of the above



CLEAR

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2. BI V7 MS Azure Sprint 2 MTT MCQ 39

 MCQ

Description

Which of the following would separate a string input_string on the first 2 occurrences of the letter "e"?

Answer

Please choose a correct answer.

 CLEAR e.split(input_string, 2) input_string.split('e', maxsplit=2) e.split(input_string, maxsplit=2) input_str.split('e')