DELL EMC DEA-7TT2

DELL EMC DATA SCIENCE ASSOCIATE CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

DEA-7TT2

Dell EMC Certified Associate - Data Science (DECA-DS)
60 Questions Exam – 60% Cut Score – Duration of 90 minutes

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Know Your DEA-7TT2 Certification Well:

The DEA-7TT2 is best suitable for candidates who want to gain knowledge in the Dell EMC Data Science. Before you start your DEA-7TT2 preparation you may struggle to get all the crucial Dell EMC Data Science Associate materials like DEA-7TT2 syllabus, sample questions, study guide.

But don't worry the DEA-7TT2 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the DEA-7TT2 syllabus?
- How many questions are there in the DEA-7TT2 exam?
- Which Practice test would help me to pass the DEA-7TT2 exam at the first attempt?

Passing the DEA-7TT2 exam makes you Dell EMC Certified Associate - Data Science (DECA-DS). Having the Dell EMC Data Science Associate certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

DEA-7TT2 Dell EMC Data Science Associate Certification Details:

Exam Name	Dell EMC Data Science and Big Data Analytics
Exam Code	DEA-7TT2
Exam Duration	90 minutes
Exam Questions	60
Passing Score	60%
Exam Price	$230 (USD)
Books	**Data Science and Big Data Analytics v2 – On-Demand Video**
Exam Registration	**Pearson VUE**
Sample Questions	**Dell EMC Data Science Associate Certification Sample Question**
Practice Exam	**Dell EMC Data Science Associate Certification Practice Exam**

DEA-7TT2 Syllabus:

Objective	Details	Weight
Big Data, Analytics, and the Data Scientist Role	- Define and describe the characteristics of Big Data - Describe the business drivers for Big Data analytics and data science - Describe the Data Scientist role and related skills	**5%**
Data Analytics Lifecycle	- Describe the data analytics lifecycle purpose and sequence of phases - Discovery - Describe details of this phase, including activities and associated roles - Data preparation - Describe details of this phase, including activities and associated roles - Model planning - Describe details of this phase, including activities and associated roles - Model building - Describe details of this phase, including activities and associated roles	**8%**
Initial Analysis of the Data	- Explain how basic R commands are used to initially explore and analyze the data - Describe and provide examples of the most important statistical measures and effective visualizations of data - Describe the theory, process, and analysis of results for hypothesis testing and its use in evaluating a model	**15%**
Advanced Analytics - Theory, Application, and Interpretation of Results for Eight Methods	Describe theory, application, and interpretation of results for the following methods: • K-means clustering • Association rules • Linear regression • Logistic Regression • Naïve Bayesian classifiers • Decision trees • Time Series Analysis • Text Analytics	**40%**
Advanced Analytics for Big Data - Technology and Tools	- Describe the technological challenges posed by Big Data - Describe the nature and use of MapReduce and Apache Hadoop - Describe the Hadoop ecosystem and related product use cases - Describe in-database analytics and SQL essentials - Describe advanced SQL methods: window functions, ordered aggregates, and MADlib	**22%**

Objective	Details	Weight
Operationalizing an Analytics Project and Data Visualization Techniques	- Describe best practices for communicating findings and operationalizing an analytics project - Describe best practices for building project presentations for specific audiences - Describe best practices for planning and creating effective data visualizations	**10%**

Dell EMC DEA-7TT2 Sample Questions:

Question: 1

What is an example of a null hypothesis?

a) that a newly created model provides a prediction of a null sample mean
b) that a newly created model provides a prediction of a null population mean
c) that a newly created model does not provide better predictions than the currently existing model
d) that a newly created model provides a prediction that will be well fit to the null distribution

Answer: c

Question: 2

Before you build an ARMA model, how can you tell if your time series is weakly stationary?

a) The mean of the series is close to 0.
b) There appears to be a constant variance around a constant mean.
c) The series is normally distributed.
d) There appears to be no apparent trend component.

Answer: b

Question: 3

What is the primary function of the NameNode in Hadoop?

a) Keeps track of which MapReduce jobs have been assigned to each TaskTracker
b) Monitors the state of each JobTracker node and signals an event if unavailable
c) Runs some number of mapping tasks against its assigned data
d) Acts as a regulator/resolver among clients and DataNodes

Answer: d

Question: 4

How are window functions different from regular aggregate functions?

a) Rows retain their separate identities and the window function can access more than the current row.
b) Rows are grouped into an output row and the window function can access more than the current row.
c) Rows retain their separate identities and the window function can only access the current row.
d) Rows are grouped into an output row and the window function can only access the current row.

Answer: a

Question: 5

For which class of problem is Map Reduce most suitable?

a) Embarrassingly parallel
b) Minimal result data
c) Simple marginalization tasks
d) Non-overlapping queries

Answer: a

Question: 6

You submit a Map Reduce job to a Hadoop cluster. However, you notice that although the job was successfully submitted, it is not completing.

What should be done to identify the issue?

a) Ensure DataNode is running
b) Ensure NameNode is running
c) Ensure JobTracker is running
d) Ensure TaskTracker is running

Answer: d

Question: 7

In the Map Reduce framework, what is the purpose of the Reduce function?

a) It aggregates the results of the Map function and generates processed output
b) It distributes the input to multiple nodes for processing
c) It writes the output of the Map function to storage
d) It breaks the input into smaller components and distributes to other nodes in the cluster

Answer: a

Question: 8

Your colleague, who is new to Hadoop, approaches you with a question. They want to know how best to access their data. This colleague has a strong background in data flow languages and programming.

Which query interface would you recommend?

a) Hive
b) Pig
c) HBase
d) Howl

Answer: b

Question: 9

You submit a MapReduce job to a Hadoop cluster and notice that although the job was successfully submitted, it is not completing.

What should you do?

a) Ensure that the TaskTracker is running.
b) Ensure that the JobTracker is running
c) Ensure that the NameNode is running
d) Ensure that a DataNode is running

Answer: a

Question: 10

How does Pig's use of a schema differ from that of a traditional RDBMS?

a) Pig's schema requires that the data is physically present when the schema is defined
b) Pig's schema supports a single data type
c) Pig's schema is optional
d) Pig's schema is required for ETL

Answer: c

Study Guide to Crack Dell EMC Data Science Associate DEA-7TT2 Exam:

- Getting details of the DEA-7TT2 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the DEA-7TT2 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Dell EMC provided training for DEA-7TT2 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the DEA-7TT2 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on DEA-7TT2 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for DEA-7TT2 Certification

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