

Dell Technologies D-AA-OP-23

DELL TECHNOLOGIES DATA SCIENTIST ADVANCED
ANALYTICS OPTIMIZE CERTIFICATION QUESTIONS &
ANSWERS

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D-AA-OP-23

[Dell Technologies Certified Data Scientist Advanced Analytics Optimize 2023](#)

60 Questions Exam – 63% Cut Score – Duration of 90 minutes



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Discover More about the D-AA-OP-23 Certification

Are you interested in passing the Dell Technologies D-AA-OP-23 exam? First discover, who benefits from the D-AA-OP-23 certification. The D-AA-OP-23 is suitable for a candidate if he wants to learn about Data Science. Passing the D-AA-OP-23 exam earns you the Dell Technologies Certified Data Scientist Advanced Analytics Optimize 2023 title.

While preparing for the D-AA-OP-23 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The D-AA-OP-23 PDF contains some of the most valuable preparation tips and the details and instant access to useful [D-AA-OP-23 study materials just at one click](#).

Dell Technologies D-AA-OP-23 Data Scientist Advanced Analytics Optimize Certification Details:

Exam Name	Dell Technologies Data Scientist Advanced Analytics Optimize 2023
Exam Code	D-AA-OP-23
Exam Duration	90 minutes
Exam Questions	60
Passing Score	63%
Exam Price	\$230 (USD)
Books	Advanced Methods in Data Science and Big Data Analytics (MR-1CP-ETAAMUSD) (Instructor-Led) Advanced Methods in Data Science and Big Data Analytics - Video ILT (MR-1TP-ETAAMUSD966) (Video ILTStream) Advanced Methods in Data Science and Big Data Analytics - Online ILT (MR-1LP-ETAAMUSD) (Online ILT)
Exam Registration	Pearson VUE
Sample Questions	Data Scientist Advanced Analytics Optimize Certification Sample Question
Practice Exam	Data Scientist Advanced Analytics Optimize Certification Practice Exam

D-AA-OP-23 Syllabus:

Objective	Details	Weight
MapReduce	<ul style="list-style-type: none"> - MapReduce framework and its implementation in Hadoop - Hadoop Distributed File System (HDFS) - Yet Another Resource Negotiator (YARN) 	15%
Hadoop Ecosystem and NoSQL	<ul style="list-style-type: none"> - Pig - Hive - NoSQL - HBase - Spark 	15%
Natural Language Processing (NLP)	<ul style="list-style-type: none"> - NLP and the four main categories of ambiguity - Text Preprocessing - Language Modeling 	20%
Social Network Analysis (SNA)	<ul style="list-style-type: none"> - SNA and Graph Theory - Communities - Network Problems and SNA Tools 	23%
Data Science Theory and Methods	<ul style="list-style-type: none"> - Simulation - Random Forests - Multinomial Logistic Regression and Maximum Entropy 	15%
Data Visualization	<ul style="list-style-type: none"> - Perception and Visualization - Visualization of Multivariate Data 	12%

Broaden Your Knowledge with Dell Technologies D-AA-OP-23 Sample Questions:

Question: 1

Which scenario would be ideal for processing Hadoop data with Hive?

- a) Unstructured data; batch processing
- b) Structured data, real-time processing
- c) Structured data; batch processing
- d) Unstructured data; real-time processing

Answer: a

Question: 2

Which problem type is best suited for simulation?

- a) One with a few, non-random input variables
- b) One that compares "what-if scenarios
- c) One with numerous, non-random Input-variables
- d) One that has a closed-form solution

Answer: b

Question: 3

Which scenario is a proper use case for multinomial logistic regression?

- a) A marketing firm wants to estimate the personal income of a group of potential customers. Using inputs such as age, education, marital status, and credit card expenditures, a data scientist is building a model that will estimate a person's income
- b) A logistic distribution company wants to minimize the distance traveled by its delivery trucks. A data scientist is building a model to determine the optimal route for each of tis trucks
- c) To improve the initial routing of a loan application, a financial institution plans to classify a loan application as Approve, Reject, or Possibly_Approve. Based on the company's historical loan application data, a data scientist is building a model to assign one of these three outcomes to each submitted application.
- d) A manufacturer plans to determine the optimal number of workers to employ in an assembly line process. Utilizing the observed distributions of the task durations of each process step, a data scientist is building a model to mimic the interactions and dependencies between each stage in the manufacturing process.

Answer: c

Question: 4

You develop a Python script "logisticpy" to evaluate the logistic function denoted as $f(y)$ for a given value y that includes the following Pig code:

```
Register 'logistic.py' using jython as udf; z = FOREACH y GENERATE $0, udf.logistic ($0); DUMP z;
```

What is the expected output when the Pig code is executed?

- a) 0
- b) Jython is not a supported language
- c) Value of $f(y)$ for ally
- d) Tuples $(y, f(y))$

Answer: d

Question: 5

Why would a company decide to use HBase to replace an existing relational database?

- a) It is required for performing ad-hoc queries.
- b) Varying formats of input data requires columns to be added in real time.
- c) The company's employees are already fluent in SQL.
- d) Existing SQL code will run unchanged on HBase.

Answer: a

Question: 6

You conduct a TFIDF analysis on 3 documents containing raw text and derive TFIDF ("data", document y) = 1.908. You know that the term "data" only appears in document 2.

What is the TF of "data" in document 2?

- a) 2 based on the following reasoning: $TFIDF = TF \cdot IDF = 1.908$ You then know that IDF will equal $\log(3/2) = 0.954$ Therefore, $TFIDF = TF \cdot 0.954 = 1.908$ TF will then round to 2
- b) 4 based on the following reasoning: $TFIDF = TF \cdot IDF = 1.908$ You then know that IDF will equal $\log(3/1) = 0.477$ Therefore, $TFIDF = TF \cdot 0.477 = 1.908$ TF will then round to 4
- c) 6 based on the following reasoning: $TFIDF = TF \cdot IDF = 1.908$ You then know that IDF will equal $3/1 = 3$ Therefore, $TFIDF = TF/3 = 1.908$ TF will then round to 6
- d) 11 based on the following reasoning: $TFIDF = TF \cdot IDF = 1.908$ You then know that IDF will equal $\log(3/2) = 0.176$ Therefore, $TFIDF = TF \cdot 0.176 = 1.908$ TF will then round to 11

Answer: b

Question: 7

What is a characteristic of stop words?

- a) Meaningful words requiring a parser to stop and examine them
- b) Don't occur often in text
- c) Used in term frequency analysis
- d) Include words such as "a", "an", and "the"

Answer: d

Question: 8

What are key characteristics of Random Graphs?

- a) Low clustering coefficients; high network diameters
- b) Low clustering coefficients; small network diameters
- c) High clustering coefficients; high network diameters
- d) High clustering coefficients; small network diameters

Answer: b

Question: 9

According to Metcalfe's law, what is true about the value of a network?

- a) Proportional to the number of edges
- b) Proportional to the logarithm of the number of edges
- c) Unrelated to the number of edges
- d) Proportional to the square of the number of edges

Answer: c

Question: 10

You are analyzing written transcripts of focus groups conducted on product X. Your approach is to use TF-IDF for your analysis.

What combination of TF-IDF scores should you examine to ensure you only report on the most important terms?

- a) High TF score and high DF score
- b) High TF score and high IDF score
- c) High TF score and low IDF score
- d) Low TF score and low DF score

Answer: c

Avail the Study Guide to Pass Dell Technologies D-AA-OP-23 Data Scientist Advanced Analytics Optimize Exam:

- Find out about the D-AA-OP-23 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [D-AA-OP-23 syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the D-AA-OP-23 training. Joining the Dell Technologies provided training for D-

AA-OP-23 exam helps a candidate to strengthen his practical knowledge base from the certification.

- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [D-AA-OP-23 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. D-AA-OP-23 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the D-AA-OP-23 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the D-AA-OP-23 Certification

VMExam.Com is here with all the necessary details regarding the D-AA-OP-23 exam. We provide authentic practice tests for the D-AA-OP-23 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the [D-AA-OP-23 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Dell Technologies Certified Data Scientist Advanced Analytics Optimize 2023.

Start Online Practice of D-AA-OP-23 Exam by Visiting URL

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