



IBM C1000-144 STUDY GUIDE PDF

**Grab the IBM Machine Learning Data Scientist Certification PDF
Questions & Answers**

Details of the Exam-Syllabus-Questions

C1000-144

[IBM Certified Data Scientist - Machine Learning Specialist v1](#)

61 Exam Questions - 74% Cut Score - Duration of 90 minutes

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Get an Overview of the C1000-144 Certification:

Who should take the [C1000-144 exam](#)? This is the first question that comes to a candidate's mind when preparing for the Machine Learning Data Scientist certification. The C1000-144 certification is suitable for candidates who are keen to earn knowledge on the IBM Data and AI - Data and AI and grab their IBM Certified Data Scientist - Machine Learning Specialist v1. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But C1000-144 study guide PDF is here to solve the problem. C1000-144 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the IBM C1000-144 Certification?

There are several reasons why one should grab the C1000-144 certification.

- The Machine Learning Data Scientist 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 IBM Certified Data Scientist - Machine Learning Specialist v1 is a powerful qualification for a prosperous career.

IBM C1000-144 Exam Structure

Exam Name	IBM Certified Data Scientist - Machine Learning Specialist v1
Exam Code	C1000-144
Exam Price	\$200 (USD)
Duration	90 mins
Number of Questions	61
Passing Score	74%
Books / Training	IBM Machine Learning Specialist
Schedule Exam	Pearson VUE
Sample Questions	IBM Machine Learning Data Scientist Sample Questions
Practice Exam	IBM C1000-144 Certification Practice Exam

Enhance Knowledge with C1000-144 Sample Questions:

Question: 1

What is the reason oversampling on the minority class should be performed after the train test is split and not before?

- a) To not risk reducing the value of the recall
- b) To not risk reducing the value of the accuracy
- c) To not increase the number of records in the testing dataset
- d) So there is not duplicate records in both the training and testing datasets

Answer: d

Question: 2

Which of the following are signs that AI is being successfully infused into the organization?
(Choose Three)

- a) AI technologies are integrated into key business processes.
- b) AI usage is restricted to a small number of specialists.
- c) Employees across the organization are trained in AI capabilities.
- d) There is a clear governance framework for AI ethics and use.
- e) AI projects are often initiated but rarely completed.

Answer: a, c, d

Question: 3

K-nearest neighbors and K-means clustering with Euclidean distance suffer from the curse of dimensionality. Is the above statement true and why?

- a) This is true. Euclidean distance, in general, is not a good metric in a high-dimensional space.
- b) This is false. K-nearest neighbors can effectively work with a highdimension space if K is small.
- c) This is true. As K increases, the number of samples required grows linearly with respect to the dimension and K.
- d) This is false. K-means clustering can effectively work with a highdimension space if given a large number of samples.

Answer: a

Question: 4

Given an SQL table 'Books' with fields Title, Author, and Genre, which query would return a list of unique Genre values?

- a) SELECT Genre FROM Books;
- b) SELECT SET Genre FROM Books;
- c) SELECT UNIQUE Genre FROM Books;
- d) SELECT DISTINCT Genre FROM Books;

Answer: d

Question: 5

What is one way that IBM AutoAI helps make it easier for data scientists to determine what key fields to use to join data tables?

- a) AutoAI automatically suggests joining on fields in different tables that have matching names.
- b) AutoAI automatically suggests joining on fields in different tables that have matching values.
- c) AutoAI automatically suggests joining on fields in different tables when those tables have the same number of rows.
- d) AutoAI automatically suggests joining on fields in different tables when those tables have the same number of fields.

Answer: a

Question: 6

What does an R² Score (coefficient of determination) measure?

- a) It computes the average squared difference between estimated values and the actual value.
- b) It computes the square root of the average squared difference between estimated values and the actual value.
- c) It represents the proportion of the variance in the independent variable that has been explained by the dependent variable.
- d) It represents the proportion of the variance in the dependent variable that has been explained by the independent variable(s).

Answer: d

Question: 7

A Logistic Regression algorithm is used to classify images into four categories. If each image has a 5x5 pixel dimension, what is the the number of weights required (excluding biases) for this model?

- a) 200
- b) 100
- c) 300
- d) 400

Answer: b

Question: 8

Converting a neural network into the newest version of TensorFlow or another deep-learning package is what type of performance drift or software decay?

- a) Data changes
- b) Concept drift
- c) Software changes
- d) Sampling bias and selection bias changes

Answer: c

Question: 9

The Bayesian optimization algorithm for hyperparameter tuning has which trait?

- a) It can be used for both regression and clustering but cannot be used for classification.
- b) It requires that a user provide a list of all of the values that will be tested for each hyperparameter.
- c) It builds a machine learning model to predict which hyperparameter settings will be most effective.
- d) If sufficient hardware is available, it can try out many different hyperparameter settings at the same time.

Answer: c

Question: 10

What are two reasons a data point would be treated as an outlier?

- a) If the value is greater than mean
- b) If the value is greater than median
- c) If the value is greater than standard deviation
- d) If the value is below the upper end of the bottom quartile by more than 1.5 times the interquartile range
- e) If the value is above the lower end of the top quartile by more than 1.5 times the interquartile range

Answer: d, e

What Study Guide Works Best in acing the IBM C1000-144 Machine Learning Data Scientist Certification?

The C1000-144 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 Machine Learning Data Scientist 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 IBM C1000-144 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 IBM C1000-144 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, C1000-144 practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven C1000-144 Practice Test for Success!!!

Do you want to pass the C1000-144 exam on your first attempt? Stop worrying; we, EduSum.com are here to provide you the best experience during your IBM Machine Learning Data Scientist v1 preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [C1000-144 practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.