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#1 Online Certification Guide

IBM C1000-154

IBM Watson Specialist Data Scientist Certification Questions & Answers

Exam Summary – Syllabus –Questions

C1000-154
IBM Certified Data Scientist - Watson Specialist v1
60 Questions Exam – 68% Cut Score – Duration of 90 minutes

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Know Your C1000-154 Certification Well:

The C1000-154 is best suitable for candidates who want to gain knowledge in the IBM Data and AI - Data and AI. Before you start your C1000-154 preparation you may struggle to get all the crucial Watson Specialist Data Scientist materials like C1000-154 syllabus, sample questions, study guide.

But don't worry the C1000-154 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 C1000-154 syllabus?
- How many questions are there in the C1000-154 exam?
- Which Practice test would help me to pass the C1000-154 exam at the first attempt?

Passing the C1000-154 exam makes you IBM Certified Data Scientist - Watson Specialist v1. Having the Watson Specialist Data Scientist certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

IBM C1000-154 Watson Specialist Data Scientist Certification Details:

Exam Name	IBM Certified Data Scientist - Watson Specialist v1
Exam Code	C1000-154
Exam Price	$200 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	68%
Books / Training	**IBM Data Scientist**
Schedule Exam	**Pearson VUE**
Sample Questions	**IBM Watson Specialist Data Scientist Sample Questions**
Practice Exam	**IBM C1000-154 Certification Practice Exam**

C1000-154 Syllabus:

Topic	Details	Weights
Understand the business problem	- Help business articulate and define business problems - Identify analytic techniques to address requirements	7%
Collect and explore the data	- Identify appropriate data sources - Collect data - Assess data quality - Perform exploratory data analysis - Connect and ingest all data sources	15%
Prepare the data	- Preprocess and combine data from various data sources - Clean and validate the data - Data integration - Feature selection and engineering	18%
Build the model	- Select the right model class and toolset - Split data - Create models	17%
Evaluate the model	- Perform hyper-parameter tuning - Compare the performance of different models	12%
Deploy the solution	- Understand deployment environment considerations - Create data pipelines to automate model lifecycle - Deploy models in a production setting - Validate model performance to business outcomes	10%
Governance and compliance	- Govern and manage data - Govern and manage models	5%
Vizualization and Storytelling	- Utilize appropriate visualizations and tools - Articulate findings to business community	10%
Strategy and Lifecycle	- Understand and utilize the Data Science/AI Lifecycle - Collaborate with IT on technical and data architectures - Illustrate the value of governed data - Understand and articulate IBM Cloud Pak for Data value proposition	6%

IBM C1000-154 Sample Questions:

Question: 1

Given the Confusion matrix below, which is the formula for specificity?

	Predicted Positive	Predicted Negative
Actual Positive	True Positive (TP)	False Negative (FN)
Actual Negative	False Positive (FP)	True Negative (TN)

    a) TN/(TN + FP)
    b) TP/(FP + TP)
    c) TP/(FN + TP)
    d) (TP + TN)/(FN + FP + TN + TP)

Answer: a

Question: 2

Which method is used for merging records in SPSS Modeler Merge node that allows specifying a requirement to be satisfied in order for the merge to take place?

    a) Key
    b) Order
    c) Filter
    d) Condition

Answer: d

Question: 3

Why is it important to create data splits that are reproducible?

    a) To ensure that each model run can be exactly replicated for verification and comparison
    b) To guarantee that the model will perform with 100% accuracy on unseen data
    c) To use more data for testing than for training
    d) To allow for larger test sets for more comprehensive testing

Answer: a

Question: 4

Which two packages can be used to customize the software configuration of a Jupyter notebook environment in Cloud Pak for Data?

a) vim
b) pip
c) sudo
d) bash
e) conda

Answer: b, e

Question: 5

In Cognos Analytics, which two features distinguish stories from dashboards?

a) Stories convey a conclusion.
b) Stories provide a narrative over time.
c) Stories can be embedded in websites or documents.
d) Stories are text-based and do not contain visualizations.
e) Stories automatically load different filters for different users.

Answer: a, b

Question: 6

Which two graph types are used in EDA to show the relationship between two or more quantitative variables?

a) Heat map
b) Box plot
c) Histogram
d) Scatter plot
e) Stem-and-leaf plot

Answer: a, d

Question: 7

Which statistical method reduces the number of attributes by lumping highly correlated attributes together?

a) Binning
b) Principal Component Analysis (PCA)
c) Long Short Term Memory Network (LSTM)
d) Synthetic Minority Over-sampling Technique (SMOTE)

Answer: b

Question: 8

Which statement describes bagging?

a) Building models with artificial neural networks based on the sharedweight architecture of the convolution kernels or filters.
b) Building models sequentially and evaluating the success of earlier models. It combines a set of weak learners into a strong learner.
c) Building models in parallel and aggregating their predictions to select the final prediction.
d) Building models and using their output as features into a final model.

Answer: c

Question: 9

An E-retailer uses several important data sources, including web logs which contain all of the information on how customers navigate the web site. There are non-informative entries in the web logs that need to be removed.

During which phase should these non-informative entries be removed in the CRISP-DM model?

a) Modeling
b) Data Preparation
c) Data Understanding
d) Business Understanding

Answer: b

Question: 10

A virtual assistant has been developed and deployed based on the Watson Assistant service. The assistant will support customers by answering FAQs (Frequent Answered Questions). Which metric is a good indicator of the performance of the virtual assistant?

a) The Area Under the Curve (AUC)
b) Measure escalated calls using A/B testing
c) The Root Mean Squared Error (RMSE) of words
d) The F1 score of predicted intents in the Analytics tab

Answer: b

Study Guide to Crack IBM Watson Specialist Data Scientist C1000-154 Exam:

- Getting details of the C1000-154 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 C1000-154 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 IBM provided training for C1000-154 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 C1000-154 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 C1000-154 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for C1000-154 Certification

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