ISACA DATA SCIENCE FUNDAMENTALS STUDY GUIDE

Grab the ISACA Data Science Fundamentals Certification PDF Questions & Answers

Details of the Exam-Syllabus-Questions

DATA SCIENCE FUNDAMENTALS

ISACA Data Science Fundamentals

60 Exam Questions – 65% Cut Score – Duration of 120 minutes

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Get an Overview of the Data Science Fundamentals Certification:

Who should take the **Data Science Fundamentals exam**? This is the first question that comes to a candidate's mind when preparing for the Data Science Fundamentals certification. The Data Science Fundamentals certification is suitable for candidates who are keen to earn knowledge on the Information Technology and grab their ISACA Data Science Fundamentals. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But Data Science Fundamentals study guide PDF is here to solve the problem. Data Science Fundamentals PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the ISACA Data Science Fundamentals Certification?

There are several reasons why one should grab the Data Science Fundamentals certification.

- The Data Science Fundamentals 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 ISACA Data Science Fundamentals is a powerful qualification for a prosperous career.

ISACA Data Science Fundamentals Exam Structure

Exam Name	ISACA Data Science Fundamentals
Exam Code	Data Science Fundamentals
Exam Price ISACA Member	$120 (USD)
Exam Price ISACA NonMember	$150 (USD)
Duration	120 mins
Number of Questions	60
Passing Score	65%
Books / Training	**Data Science Fundamentals Online Course** **Data Science Fundamentals Study Guide**
Schedule Exam	**Exam Registration**
Sample Questions	**ISACA Data Science Fundamentals Sample Questions**
Practice Exam	**ISACA Data Science Fundamentals Certification Practice Exam**

Enhance Knowledge with Data Science Fundamentals Sample Questions:

Question: 1

What type of machine learning algorithm would be best suited for creating a system that suggests products based on customer buying history?

    a) Unsupervised learning
    b) Supervised learning
    c) Reinforcement learning
    d) Semi-supervised learning

Answer: b

Question: 2

Which SQL statement is used to remove duplicates from a result set?

    a) SELECT DISTINCT
    b) REMOVE DUPLICATES
    c) DELETE
    d) DROP DUPLICATES

Answer: a

Question: 3

What is the main purpose of data lifecycle management (DLM)?

    a) To define processes for resolving data breaches
    b) To manage data from creation to deletion
    c) To increase data transparency only
    d) To ensure data is never archived

Answer: b

Question: 4

Which of the following is a common method to ensure data security in management practices?

    a) Regular data audits
    b) Frequent data duplication
    c) Periodic system shutdowns
    d) Reduced data access speeds

Answer: a

Question: 5

In data visualization, what does a 'heatmap' typically represent?

    a) Geographical distributions
    b) Trends over time
    c) Relationships between two variables
    d) Data density through variations in coloring

Answer: d

Question: 6

Which scaling techniques are appropriate for preparing features in data preprocessing?

(Choose Two)

    a) Min-Max Scaling
    b) One-Hot Encoding
    c) Standardization
    d) Tokenization

Answer: a, c

Question: 7

Which algorithms are typically used for unsupervised learning tasks?

(Choose Two)

    a) Decision Trees
    b) K-means Clustering
    c) Support Vector Machines
    d) Principal Component Analysis

Answer: b, d

Question: 8

CRISP-DM stands for what in the context of a data science project?

    a) Cross-Industry Standard Process for Data Management
    b) Cross-Industry Standard Practice for Data Mining
    c) Cross-Industry Standard Process for Data Mining
    d) Cross-Industry Systematic Protocol for Data Management

Answer: c

Question: 9

In the context of data science, what is 'model validation'?

    a) Documenting the steps involved in building the model
    b) The process of ensuring a model operates within certain parameters
    c) Testing a model on new data to check its performance
    d) Integrating the model with existing databases

Answer: c

What are the benefits of using ensemble methods in machine learning?

(Choose Three)

    a) Reducing variance
    b) Reducing bias
    c) Improving prediction confidence
    d) Simplifying models

Answer: a, b, c

What Study Guide Works Best in acing the ISACA Data Science Fundamentals Certification?

The Data Science Fundamentals 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 Data Science Fundamentals 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 ISACA Data Science Fundamentals 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 ISACA Data Science Fundamentals 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, Data Science Fundamentals practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven Data Science Fundamentals Practice Test for Success!!!

Do you want to pass the Data Science Fundamentals exam on your first attempt? Stop worrying; we, EduSum.com are here to provide you the best experience during your ISACA Data Science Fundamentals preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium **Data Science Fundamentals practice tests**. Our expert-designed questions help you to improve performance and pass the exam on your first attempt.