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ISACA DATA SCIENCE

ISACA Data Science Fundamentals Certification Questions & Answers

Exam Summary – Syllabus –Questions

DATA SCIENCE FUNDAMENTALS
ISACA Data Science Fundamentals
60 Questions Exam – 65% Cut Score – Duration of 120 minutes

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Know Your Data Science Fundamentals Certification Well:

The Data Science Fundamentals is best suitable for candidates who want to gain knowledge in the ISACA Information Technology. Before you start your Data Science Fundamentals preparation you may struggle to get all the crucial Data Science Fundamentals materials like Data Science Fundamentals syllabus, sample questions, study guide.

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

Passing the Data Science Fundamentals exam makes you ISACA Data Science Fundamentals. Having the Data Science Fundamentals certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

ISACA Data Science Fundamentals Certification Details:

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**

Data Science Fundamentals Syllabus:

Topic	Weights
Data Management	42%
Data Science Process	33%
Data Science Concepts	25%

ISACA Data Science Fundamentals Sample Questions:

Question: 1

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

Question: 2

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

Question: 3

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: 4

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: 5

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: 6

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: 7

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: 8

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: 9

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: 10

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

Study Guide to Crack ISACA Data Science Fundamentals Exam:

- Getting details of the Data Science Fundamentals 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 Data Science Fundamentals 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 ISACA provided training for Data Science Fundamentals 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 Data Science Fundamentals 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 Data Science Fundamentals practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for Data Science Fundamentals Certification

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