



**Connect the dots.  
Uncover patterns.  
Draw Insights.**

PeopleCert  
**Data  
Science**<sup>®</sup>

[peoplecert.org/products/peoplecert-data-science](https://peoplecert.org/products/peoplecert-data-science)

## What will you learn?

Data Science Certification Suite will enable you to use scientific methods, processes, and algorithms to extract actionable insights from structured and unstructured data. Organisations across many industries can use data for various reasons, from refining their marketing campaigns and techniques to solving business problems, carrying out predictive modelling, and other analytics applications.

### Course overview

#### Data Science Foundation

- › The basics of Data Science
- › Key concepts of Programming
- › Key concepts of Data Management
- › Probability and Statistics
- › Machine Learning basics
- › Artificial Intelligence basics
- › Key concepts of Visualisation
- › Data Governance, Ethics, Privacy and Protection

#### Data Science Analyst

- › The basics of Data Science
- › Key concepts of Programming
- › Key concepts of Data Management and Business Intelligence
- › Probability, Statistics and Advanced Statistical topics
- › Machine Learning and Artificial Intelligence (AI)
- › Data Visualisation Methods
- › Data Governance and Anonymisation

### Exam Information

#### Foundation

- › 40 Multiple Choice Questions
- › 1 hour (60 minutes)
- › Pass mark = 70%
- › Closed book
- › No prerequisites

#### Analyst

- › 40 Multiple Choice Questions
- › 1 hour 15 minutes (75 minutes)
- › Pass mark = 70%
- › Closed book
- › No prerequisites

### Who is PeopleCert Data Science for?

Data Science Certification Suite is ideal for:

- › Software Engineers
- › Software Developers
- › Data Analysts
- › Data Engineers
- › Project Managers
- › Account Managers
- › Business Analysts
- › Big Data Developers

### Why PeopleCert Data Science?

- › Help your organisation transform data into insights.
- › Connect the dots. Uncover patterns. Draw insights.
- › Learn the skills and traits of effective Data Analytics professionals
- › Practical, interactive, lightweight
- › Get certified anytime, anyplace
- › Digital Badges

### Key Facts

%

97%

of organisations are investing in big data and AI



11.5 million jobs for Data Scientists will be generated by 2026

Sources: US Bureau of Labor Statistics

# PeopleCert

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