



PeopleCert Data Science Analyst

Learning Mode:

Online

Duration:

4 days + Post Class Coaching
+ 1 Day Exam

This course is specifically designed to provide participants with:

- Solid understanding of key data science concepts and tools.
- Problem-Solving Ability to tackle real business challenges using data-driven solutions.
- Skills to improve efficiency and streamline operations.
- Capability to predict trends and identify new revenue opportunities.
- Strategic Decision-Making by enhancing ability to use data for informed business decisions.

Accredited by:

PeopleCert

All talents, certified.

Course Overview

SUMMARY

This course aims at obtaining the PeopleCert Data Science Analyst certification, and covers the following contents, where students/candidate should be able to demonstrate their knowledge and understanding:

- The basics of Data Science
- Basic Programming Skills (with R/Python)
- Data Management and Relational Databases
- Business intelligence and PowerBI basics
- Probability and Statistics
- The basics of Machine Learning
- The basics of Artificial Intelligence
- Visualization
- Data Governance, Ethics, Data Privacy and Protection

EXAM FORMAT

- 40 questions - Multiple choice
- Duration: 60 minutes
- Closed book
- Passing mark: Minimum required score to pass: 70%
- Renewal every 3 years

Course Content

MODULE 1

Introduction to Data Science

- Overview & Definitions
- Key Concepts

MODULE 2

Programming Skills (with R/Python)

- Introduction to Programming
- Basic Programming Skills

MODULE 3

Data Management

- Relational Databases (RDBMS)
- New Data Management Methods
- Business Intelligence

MODULE 4

Probability & Statistics

- Introduction to Statistics
- Advanced Statistical Topics

MODULE 5

Machine Learning (ML) and Artificial Intelligence (AI)

- Machine Learning (ML)
- Artificial Intelligence (AI)

MODULE 6

Visualization

- Introduction to Visualization

MODULE 7

Business Skills

- Data Governance
- Ethics, Data Privacy and Protection