PEOPLECERT DATA SCIENCE FOUNDATION

Course Overview

This 3-day certification course teaches you the fundamentals of data science and how to apply them to real-world problems. You will learn how to use scientific methods, processes, and algorithms to extract insights from structured and unstructured data. You will also learn how to use programming languages such as R or Python, data management tools, probability and statistics, machine learning, artificial intelligence, visualisation, and data governance and ethics. By the end of this course, you will be able to demonstrate your knowledge and understanding of data science concepts and terms, and use data science tools to solve business challenges and create value. This course is suitable for anyone who wants to start or advance their career in data science.

The purpose of this qualification level is to confirm that a candidate is well versed in the introductory Data Science concepts in the cognitive levels of knowledge and understanding and be able to understand basic terms, concepts and terminology, along with knowing the basic tools that can be used in real life cases.

Course Content

Day 1 (8 Hours)
- Introduction to Data Science
- Why is Data Science and Data important?
- Common Tools used in Data Science
- Data Science and Programming
- Recap and Q&A

Day 2 (8 Hours)
- Data Management
- Data Governance
- Business Intelligence & Visualization of Data

Day 3 (8 Hours)
- Statistics
- Machine Learning (ML)
- Artificial Intelligence (AI)
- Recap and Q&A