

# Enterprise Big Data Professional

## BIG DATA TRAINING

### COURSE OVERVIEW

What benefits can your organization achieve with Big Data? How can enterprises obtain a competitive advantage with Big Data? The Enterprise Big Data Professional (EBDP) course discusses the theoretical concepts of Big Data and subsequently applies this knowledge to a real-world case study.

The Big Data Framework provides a holistic and compressive approach for enterprises that aim to leverage the value of data in their organizations. The framework covers all the essential aspects of Big Data that are necessary to understand and analyse massive quantities of data.

The Enterprise Big Data Professional (EBDP) course will provide delegates with a fundamental understanding of Big Data and related technologies. You will learn how to adopt, adapt and apply the fundamental principles of Big Data in their own organization to realize business benefits. The Enterprise Big Data course is the first level of the Big Data Framework course curriculum and certification program, that is globally recognized and accredited by APMG-International. The curriculum provides a vendor-neutral and objective understanding of Big Data architectures, technologies and processes.

### TARGET AUDIENCE

This qualification is aimed at individuals who require a working knowledge of the key principles of Big Data, who need to know the terminology used and some of the theory behind the practice. The target audience of the Enterprise Big Data Professional (EBDP) qualification therefore includes:

- Data & Business Analysts
- Digital Marketers
- IT Professionals and Consultants
- Data Science Professionals

### LEARNING OBJECTIVES

The key things you will learn in this course:

- Describe the fundamental characteristics of data analysis, big data, machine learning and artificial intelligence and the differences between these concepts.
- Describe how to formulate a Big Data strategy that underpins the business drivers of Big Data and Big Data solutions in order to capture the value proposition of Big Data.
- Discuss the high-level principles and design elements of contemporary Big Data architectures and explain their core benefits.
- Explain fundamental Big Data algorithms and processing techniques in order to select the appropriate techniques to solve practical Big Data problems.
- Identify how to apply the Big Data processes that are necessary in enterprise organizations to capture value from massive quantities of data.
- Understand the importance and concept of Artificial Intelligence and its relation to Big Data methods and solutions.

### COURSE SUMMARY

#### Certificate:

Enterprise Big Data Professional

#### Course Format:

Classroom, Virtual or Self-Paced

#### Course Duration:

Classroom: 3 days

Virtual: 4 days (2x2-hours a day)

### EXAM FORMAT

- 90 minute duration
- Multiple choice
- 60 questions
- 39 marks (65%) required to pass
- Closed-book
- Pre-Requisite: None

