

# Enterprise Big Data Professional (EBDP)



**CATEGORY**  
Data Science



**LEVEL**  
Foundation



**DURATION**  
3 days

## COURSE DELIVERY

Classroom or virtual Classroom

## TARGET AUDIENCE

Enterprise Big Data Professional is an entry-level certification – ideal for professionals either currently or intending to be involved in Big Data analysis.

This certification suits the following roles:

- Data Analysts
- Business Analysts
- Digital Marketeers
- IT Professionals

## PREREQUISITES

No prerequisite.

## EXAM INFO

- The exam is a closed-book exam with 60 multiple-choice questions.
- The pass mark is 65% (39 questions)
- The exam lasts 90 minutes.

## CERTIFICATE

Enterprise Big Data Professional

## EXAM BODY

APMG

In today's data-driven world, organizations are increasingly seeking to leverage Big Data to gain insights and improve performance. But how can they do so effectively? The Enterprise Big Data Professional (EBDP) course aims to answer this question by providing participants with a deep understanding of the theoretical concepts of Big Data and how they can be applied in a real-world context.

Through the EBDP course, participants will learn how to identify patterns in large quantities of enterprise data and use this knowledge to drive business decisions. By applying the Big Data Framework, organizations can gain a holistic and comprehensive approach to analyzing and understanding their data, enabling them to obtain a competitive advantage in the market.

## COURSE DESCRIPTION

The **Enterprise Big Data Professional (EBDP)** course offers delegates a comprehensive understanding of Big Data and its related technologies. This extensive program provides delegates with the skills necessary to adopt, adapt and apply the fundamental principles of Big Data in their own organizations to achieve business benefits.

As the first level of the Big Data Framework course curriculum and certification program, the Enterprise Big Data course is globally recognized and accredited by APMG-International. The curriculum provides a vendor-neutral and objective understanding of Big Data architectures, technologies, and processes.

This vendor-independent program is dedicated to applying Big Data best practices to enterprise organizations. Through practical examples from real-world situations, delegates will gain a better understanding of how Big Data can be used to solve actual business challenges.



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## RELATED TRAINING

- FitSM® Foundation
- AgilePM® Foundation
- AgilePM® Practitioner
- Agile Scrum Foundation
- Agile Scrum Master
- Agile Scrum Product Owner
- EXIN Kanban Foundation
- SIAM™ Service Integration & Management Foundation
- P3.Express Practitioner
- EXIN DevOps Foundation
- Enterprise Big Data Professional (EBDP)
- Agile Change Agent

## EDUCATION SOLUTIONS

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## COURSE AND LEARNING OBJECTIVES

Following the completion of the course, participants will be able to:

- Explain the history and context of Big Data in comparison to traditional data analysis techniques and solutions
- 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.
- Explain key functions, roles and competences in organizations that are necessary to capture long-term value from Big Data.
- Understand the importance and concept of Artificial Intelligence and its relation to Big Data methods and solutions.

## COURSE STUDENT MATERIAL

Participants will receive an Enterprise Big Data Professional (EBDP) classroom workbook containing all of the presentation materials, course notes, case study and sample exams.



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# Enterprise Big Data Professional (EBDP)



## EMPOWERING PROFESSIONALS

As MindMagine, we have trained more than 60,000 professionals over Asia and Oceania since 2001.

Our focus in our training is to empower our participants by balancing practical experience and the theoretical background. The participants walk away with knowledge to apply the learnings and the theoretical background to successfully pass the exam requirements.

Our education portfolio ranges from courses in business services and processes to IT services and processes. This portfolio has enabled us to support our clients end to end in their organizations and enable synergy throughout corporate value chains.

[www.MindMagine.com/education-solutions/](http://www.MindMagine.com/education-solutions/)



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## CONCEPTS COVERED

### 1. Big Data Concepts and Key Drivers

- Definition of Big Data
- origins of Big Data and the characteristics of its key concepts

### 2. The Big Data Framework

- Terms and key facts about the Big Data Framework
- Structure of the Big Data Framework

### 3. Big Data Strategy

- Five steps for formulating a Big Data Strategy
- How to formulate a Big Data Strategy

### 4. Big Data Architecture

- Terms and key facts about Big Data Architecture
- High-level principles and design elements of contemporary Big Data Architecture
- Big Data

### 5. Big Data Algorithms

- Terms and key facts about Big Data Algorithms and Analysis Techniques
- Algorithms and analysis techniques fundamental to Big Data

### 6. Big Data Processes

- Key terms relating to the Big Data Processes
- Characteristics, activities and techniques of the Big Data Processes

### 7. Big Data Functions

- Key terms relating to Big Data Functions
- Benefits of the Big Data Centre of Excellence
- Six organization success factors
- Key roles in Big Data teams

### 8. Artificial Intelligence

- Key definitions and facts relating to Artificial Intelligence and Big Data
- Key concept of Artificial Intelligence and their importance to Big Data