

BIG DATA SCIENCE CERTIFIED PROFESSIONAL

Helping you and your teams make the most of Big Data practices and technology to support your Business

- + Develop knowledge and understanding of Big Data best practice and technologies to help deliver tangible business outcomes through investment in Big Data
- + The vendor-neutral focus of the course means the skills acquired are applicable to any vendor or platform

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This five-day classroom course will cover the five modules needed to obtain the Big Data Science Professional certification from the Arcitura™ Big Data School. The course will focus on the core subject areas of Big Data practices and technologies. The course will look at an array of contemporary Big Data topics, ensuring that the skills developed through the course are applicable to different commercial Big Data vendor tools and environments. The course is broken into 5 key modules:

- + Fundamental Big Data
- + Big Data Analysis & Technology Concepts
- + Fundamental Big Data Analysis and Science
- + Advanced Big Data Analysis and Science
- + Big Data Analysis and Science Lab

For pricing and further information contact us at:
training@enterprisearchitects.com

LEARNING OUTCOMES

Attendees will gain the following skills and knowledge within this course:

- + A high-level understanding of essential Big Data topic areas.
- + An understanding of Big Data from business and technology perspectives along with an overview of common benefits, challenges and adoption issues.
- + Contemporary analysis practices, technologies and tools for Big Data environments.
- + Essential topic areas pertaining to data science and analysis techniques
- + Data Science, Data Mining and Data Modelling
- + Data Discretisation, Binning and Clustering
- + Visualisation Techniques and Numerical Summaries
- + Machine Learning Algorithms and Pattern Identification
- + Advanced data analysis practices and analysis techniques
- + Understanding of statistical, modelling and analysis techniques for data patterns, clusters and text analytics
- + Hands-on proficiency in Big Data analysis and science practices as they are applied and combined to solve real-world problems.

PREREQUISITES

There are no pre requisites for this course; however a baseline knowledge of Big Data is expected.

COURSE DETAILS

- + This course is delivered over 5 days in an interactive classroom environment
- + Certification is achieved by passing the Big Data Science examinations, taken at local Pearson VUE testing centres
- + Available for public registration – view our public schedule at www.enterprisearchitects.com/learning/course-schedule/
- + Also available in-house for organisations

WHO SHOULD ATTEND?

- + Data Architects
- + Data Professionals
- + Big Data Specialists
- + Solution Architects
- + Business Analysts
- + Business Intelligence Specialists
- + Data Analysts
- + Data Scientists

WHY TRAIN WITH EA?

Enterprise Architects is a recognised leader in strategy and architecture training. Our team supports clients globally and has delivered architecture training for organisations across five continents. The Arcitura™ courses have been authored by internationally respected experts, recognised for their contribution to world's best practice. Our instructional design draws from leading contemporary methods and ensures a superior learning experience to alternative course offerings, which are often lecture-based and non-iterative.



EA LEARNING

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