

## Big Data Foundation

Duration: 1 Day Course Code: BDF

### Overview:

This 1-day Fundamental Big Data course is the first module in Arcitura Education's Big Data Science Certified Professional (BDSCP) curriculum. This foundational course provides a high-level overview of essential Big Data topic areas. A basic understanding of Big Data from business and technology perspectives is provided, along with an overview of common benefits, challenges, and adoption issues. The course content is divided into a series of modular sections, each of which is accompanied by one or more hands-on exercises.

### Target Audience:

This course is designed for IT Professionals with System Administration and database skills, who want to immerse themselves in the world of Big Data. Software Engineers Application Developers IT Architects System administrators

### Testing and Certification

After the course, you will have sufficient knowledge to pass the corresponding Arcitura Education exam. The exam is optional and is not included in the price.

If you wish to take the exam, you must indicate this when booking the course. It concerns the following exam (available through Pearson Vue):

- B90.01, Fundamentals Big Data and is part of the BIG DATA SCIENCE CERTIFIED PROFESSIONAL (BDSCP) programme.

### Follow-on-Courses:

Big Data Scientist

### Content:

Module 1: Big Data Fundamentals

- Understanding Big Data
- Fundamental Terminology ; Concepts
- Big Data Business ; Technology Drivers
- Traditional Enterprise Technologies Related to Big Data
- Characteristics of Data in Big Data Environments
- Dataset Types in Big Data Environments
- Fundamental Analysis and Analytics
- Machine Learning Types
- Business Intelligence ; Big Data
- Data Visualization ; Big Data
- Big Data Adoption ; Planning Considerations

---

**Additional Information:**

You are requested to bring your laptop to the course.

---

**Further Information:**

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

[training@globalknowledge.qa](mailto:training@globalknowledge.qa)

[www.globalknowledge.com/en-qa/](http://www.globalknowledge.com/en-qa/)

Global Knowledge, Qatar Financial Center, Burj Doha, Level 21, P.O.Box 27110, West Bay, Doha, Qatar