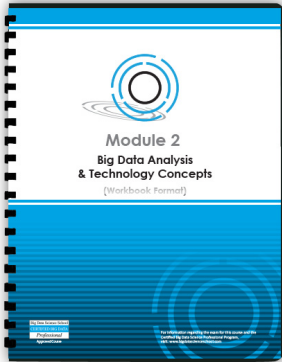


BDSCP Module 2: Big Data Analysis & Technology Concepts

This course explores a range of the most relevant topics that pertain to contemporary analysis practices, technologies and tools for Big Data environments. The course content does not get into implementation or programming details, but instead keeps coverage at a conceptual level, focusing on topics that enable participants to develop a comprehensive understanding of the common analysis functions and features offered by Big Data solutions, as well as a high-level understanding of the back-end components that enable these functions.



The following primary topics are covered:

- The Big Data Analysis Lifecycle (from dataset identification to integration, analysis and visualization)
- Common Analysis and Analytics Techniques
- A/B testing, Regression, Correlation, Text Analytics
- Sentiment Analysis, Time Series Analysis
- Network Analysis, Spatial Analysis
- Automated Recommendation, Classification, Clustering
- Machine Language, Natural Language, Semantics
- Data Visualization and Visual Analysis
- Assessing Hierarchies, Part-to-Whole Relationships
- Plotting Connections and Relationships, Mapping Geo-Spatial Data
- Foundational Big Data Technology Mechanisms
- Big Data Storage (Query Workload, Sharding, Replication, CAP, ACID, BASE)
- Big Data Processing (Parallel Data Processing, Distributed Data Processing, Shared-Everything/Nothing Architecture, SCV)
- Big Data & Cloud Computing



Duration: 1 Day

For more information, visit www.bigdatascienceschool.com.

Self-Study Kit

The materials for this course module can be purchased separately as part of the Module 2 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam B90.02 and are also suitable for general remote, self-paced study purposes.

For ordering information, visit www.bigdatascienceschool.com/store.

