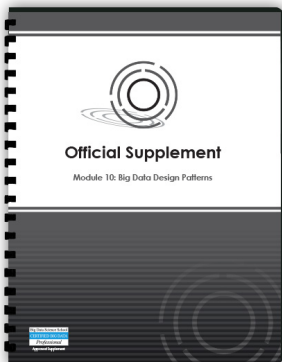
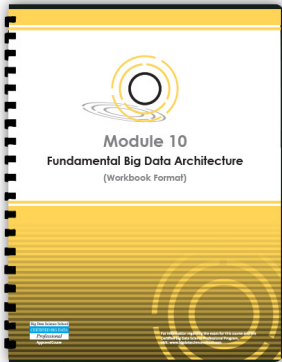
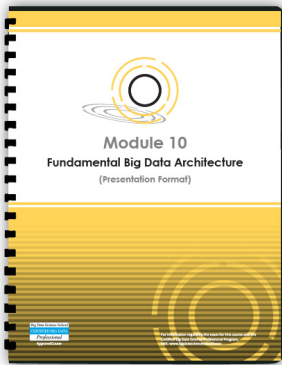


BDSCP Module 10: Fundamental Big Data Architecture



This course provides an overview of the fundamental and essential topic areas pertaining to Big Data solution platform architecture, introducing several new Big Data mechanisms and covering a range of architectural models, approaches and considerations. Specifically, it covers Big Data mechanisms required for the development of a Big Data solution platform and architectural options for assembling a data processing platform. It further introduces the enterprise data warehouse and discusses various options for its integration with the Big Data solution platform. Common scenarios are also presented to provide a basic understanding of how a Big Data solution platform is generally used. Finally, the use of cloud environment for the development of the Big Data solution platform is explored in the context of cloud computing delivery and deployment models.

The following primary topics are covered:

- New Big Data Mechanisms, including Security Engine, Cluster Manager, Data Governance Manager, Visualization Engine and Productivity Portal
- Data Processing Architectural Models, including Shared-Everything and Shared-Nothing Architectures
- Enterprise Data Warehouse and Big Data Integration Approaches, including Series, Parallel, Big Data Appliance and Data Virtualization
- Architectural Big Data Environments, including ETL, Analytics Engine and Application Enrichment
- Cloud Computing & Big Data Architectural Considerations, including how Cloud Delivery and Deployment Models can be used to host and process Big Data Solutions (and resulting issues and risks)

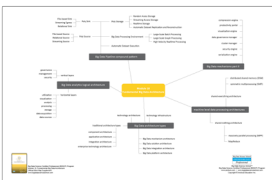
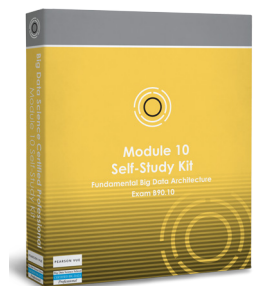
Duration: 1 Day

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 10 Self-Study Kit, which includes additional materials and study aids. These materials are designed to prepare you for Exam B90.10 and are also suitable for general remote, self-paced study purposes.

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

A table with multiple columns and rows, likely detailing the components and their configurations for the Big Data solution platform.