

10.313 Introduction to Big Data

Course description

Understand big data from the ground up, including structured, unstructured, and semi-structured data attributes of big data, as well as use cases. Get specific experience with Hadoop's ecosystem, as well as MicroStrategy data integration, federation, modeling, preparation, and certification support. Provides details to integrate MicroStrategy with Hadoop, as well as self-service and integration with Salesforce.

Skills you gain

- Big data ecosystem
- Data retrieval from Hadoop
- Web Services integration using XQuery
- Reporting in a big data environment
- Data retrieval from Apache Spark, Hive, and Drill
- Data retrieval from Presto
- SQL on Hadoop

MicroStrategy products covered

- MicroStrategy Developer

Right for you if

You are a business intelligence professional interested in learning about big data and leveraging MicroStrategy for a comprehensive big data solution

Best class experience if you have

10.111 Overview of Enterprise Analytics

Topics

1. Overview of big data and Hadoop
2. Working with Hadoop and MicroStrategy
 - Working with Hadoop distributions
 - MicroStrategy-Hadoop connectivity options
 - SQL on Hadoop
 - Connecting MicroStrategy to HDFS: Hadoop Gateway
 - Web services integration
3. Working with Spark Processing Engine and MicroStrategy
 - Spark overview
 - Spark architecture
 - Connect MicroStrategy to Spark