

Enterprise Big Data Professional (EBDP) Training

Course Outline

Module 1: Introduction to Big Data & Big Data Characteristics

Module 2: Data Analysis, Analytics, Business Intelligence and Big Data

Module 3: Data Products and Big Data Solutions

Module 4: Machine Learning & Artificial Intelligence

Module 5: The structure of the Big Data Framework

Module 6: Big Data Strategy & Big Data Architecture

Module 7: The NIST Big Data Reference Architecture

Module 8: Distributed Data Storage and Processing

Module 9: Hadoop Open-Source Software Framework

Module 10: How Hadoop can be used in Real Life Scenarios

Module 11: Database Technologies

Module 12: Big Data Algorithms

Module 13: Statistical Inference, Correlation and Regression

Module 14: Classification, Clustering, Outlier Detection and Data Visualization

Module 15: Big Data Processes

Module 16: Data Analysis Process, Data Governance Process, Data Management Processes

Module 17: Setting up a Big Data Organization