

HADOOP

Curriculum



Duration: - 20 Days

1. Introduction to Big Data and Hadoop

- * What is Big Data?
- * Challenges for processing big data?
- * Technologies support big data
- * Overview and History of Hadoop
- * Hadoop DFS

2. Hadoop Cluster Setup

- * HDFS Design Goals
- * NameNode and DataNode architecture
- * Job Tracker and Task Tracker
- * Data Storage in HDFS
- * HDFS Commands

3. Apache MapReduce

- * Components
- * Programing Model
- * Configuring and Writing MapReduce jobs in IDE

4. Apache Hive

- * Introduction
- * Installation and Configuration
- * Data Types and File Formats
- * Loading data in internal table

- * Views in Hive
- * Performance in Hive

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