

Big Data - Data Analysis & Decision Making

Course curriculum

- Introduction to Big Data

Introduction to Big Data, evolution, types of Big data, sources, Big data analytics, benefits and impacts on business.

- All about Hadoop

What is Hadoop, uses, features, architecture & core components, HDFS, Hadoop versions, types of nodes in Hadoop, Hadoop 1.x architecture, Hadoop 2.x architecture

- Map Reduce and YARN

Core components of Hadoop, design, and concept of HDFS,

Map reduce - data processing, parallel processing of data, map reduce programming model, map reduce in detail through word count

YARN & YARN flow, scheduling in YARN

Map reduce Vs YARN

- Cloudera Installation
- Basic Commands in Hadoop
- Hadoop Distribution Systems

Popular Hadoop Distributions

Choosing a Hadoop Distribution

Hadoop Distribution Systems Quiz

Sqoop

- Hive
- Hbase
- Scala
- PYSPARK
- SPARK STREAMING
- KAFKA
- Projects

Value added Courses

SQL

LINUX Basics

CLOUD

AWS

Azure

Python