Hadoop

90-Hours Course (3 Months)

Requirement : Basic knowledge of programming and java

Fees : Rs. 20000.00 - 30000.00

Syllabus

Introduction to Big Data

- What is Big Data
- Characteristics of Big Data
- Understanding Big Data with Examples
- Technical Detail of Big Data components

Hadoop Fundamentals

- Hadoop Architecture
- Hadoop Administration
- Hadoop Components

MapReduce and YARN

- Introduction to MapReduce
- MapReduce Limitation
- Classes and Access
- Introduction to YARN

Pig

- Introduction
- Pig Data types
- Pig built in functions
- Pig operators
- Pig Evaluation functions

HBase

Hive

- Introduction to Hive
- Hive DDL
- Hive DML
- Hive operation and functions

Moving Data into Hadoop

- Introduction to Sqoop
- Introduction to Flume

Introduction to Oozie

- Scheduling
- Work with workflow
- Oozie coordinator

Hadoop Project - 1