



Technologica Computer Education Society (Govt.Regd)
Ram Thakur Math, Nabatara School Road,
P.O – Subhasgram, Kolkata – 700147. Call - 9903152315

Hadoop Tutorial

What is Big Data

What is Hadoop

Hadoop Installation

Hadoop Modules

HDFS

Features of HDFS

Yarn

Hadoop - MapReduce

What is MapReduce

Data Flow in MapReduce

MapReduce API

Word Count Example

Char Count Example

HBase

HBase Tutorial

What is HBase

HBase Model

HBase Read

HBase Write

HBase MemStore

HBase Installation

RDBMS vs HBase

HBase Commands

HBase Example

Hive Tutorial

Hive Tutorial

What is Hive

Hive Architecture

Hive Installation

Hive Data Types

Create Database

Drop Database

Create Table

Load Data

Drop Table

Alter Table

Static Partitioning

Dynamic Partitioning

Bucketing in Hive

HiveQL - Operators

HiveQL - Functions

HiveQL - Group By & Having

HiveQL - Order By & Sort BY

HiveQL - Join

Pig

Pig Tutorial

What is Pig

Pig Installation

Pig Run Modes

Pig Latin Concepts

Pig Data Types

Pig Example

Pig UDF

Sqoop

Sqoop Tutorial

What is Sqoop

Sqoop Installation

Starting Sqoop

Sqoop Import

Sqoop Where

Sqoop Export

Sqoop Integration with Hadoop Ecosystem

Spark Tutorial

Spark Tutorial

What is Spark

Spark Installation

Spark Architecture

Spark Components

What is Spark RDD

Spark RDD Operations

Spark RDD Persistence

Spark RDD Shared Variables

Spark Word Count Example

Spark Char Count Example

Misc

Applications of Big Data

Big Data Characteristics