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ICT Trainings Lahore

349 H/3, Johar Town  
Lahore  
Punjab  
Pakistan  
Cell: +92 321 3499131  
LandLine: +92 42 35951406-7



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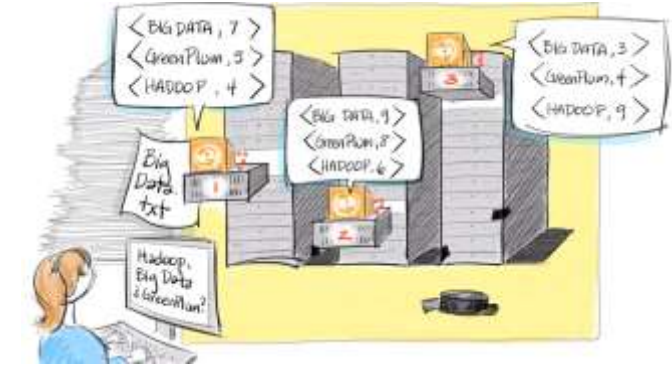
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ICT Trainings Institute – Engineering Your Career

## Hadoop



### Course Guide

Hadoop file system is indispensable when it comes to processing big data—as necessary to understanding your information as servers are to storing it.



### Hadoop Contents

This course is your introduction to Hadoop, its file system (HDFS), its processing engine (MapReduce), and its many libraries and programming tools.

- Understanding Hadoop core components: HDFS and MapReduce
- Setting up your Hadoop development environment
- Working with the Hadoop file system
- Running and tracking Hadoop jobs
- Tuning MapReduce
- Understanding Hive and HBase
- Exploring Pig tools
- Building workflows
- Using other libraries, such as Impala, Mahout, and Storm
- Understanding Spark
- Visualizing Hadoop output

### Practical Approach

- The real life examples will be given throughout the lectures.

[www.ict-trainings.com/curriculum/hadoop-leaflet.pdf](http://www.ict-trainings.com/curriculum/hadoop-leaflet.pdf)