

Big Data Engineers Path

Big Data Engineer

Bash Scripting

- Bash Guide for Beginners by Machtelt Garrels
- Lots of Practice

Python

- Python for Everybody Specialization by Coursera
- Learning Path for Data Science in Python by Analytics Vidhya

OR

Java

- Introduction to Programming with Java 1: Starting to Code with Java
- Intermediate & Advanced Java Programming by Udemy
- Introduction to Programming with Java 2: by Udemy
- Object Oriented Java Programming: Data Structures and Beyond Specialization by Coursera

Cloud

- Big Data Technology Fundamentals by Amazon Web services
- Big Data on AWS by Amazon Web Services
- Practice on AWS / softlayer or any other cloud provider

HDFS

- Big Data and Hadoop Essentials by Udemy
- Big Data Fundamentals by Big Data University
- Hadoop Starter Kit by Udemy

Reading Material

Apache Hadoop Documentation
Book: Hadoop Cluster Deployment

Apache Zookeeper

Reading Material

- Apache Zookeeper Documentation

Book: ZooKeeper

Kafka

- The Complete Apache Kafka course for beginners by Udemy
- Learn Apache Kafka Basics and Advanced topics by Udemy

Reading Material

Apache Kafka Documentation

Book: Learning Apache Kafka

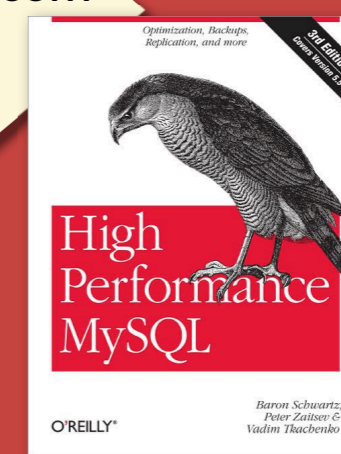
For Both

Mapreduce

Covered under HDFS

SQL

- ◆ Managing Big Data with MySQL by Coursera
 - ◆ SQL Course by SQLCourse.com
 - ◆ Beginner & Guide to PostgreSQL by Udemy
- Book: High Performance MySQL



Hive

- ◆ Accessing Hadoop Data Using Hive by Big Data University
- ◆ Learning Apache Hadoop EcoSystem- Hive by Udemy



Reading Material

Apache Hive documentation

Book: Programming Hive

Procedural Language

Choose your language

Pig

- ◆ Apache Pig 101 by Big Data University
- ◆ Programming Hadoop with Apache Pig by Udemy

Reading Material

Apache Pig Documentation

Book: Programming Pig



Apache Storm

- Real-Time Analytics with Apache Storm by Udacity

Reading Materials

Apache storm documentation

Apache Kinesis

Reading Materials:

- Apache Kinesis documentation
- Amazon Kinesis Streams Developer Resources by Amazon Web Services

Apache Spark Streaming

- Data Science and Engineering with Apache by Edx

Reading Material

Apache Spark Streaming Documentation

Apache Spark

- Data Science and Engineering with Apache by Edx

Reading Material

Apache Spark Documentation

Book: Learning Spark

