

Hardware Used:

I used my personal laptop (Windows 10 and 8GB ram with intel Pentium 5).

Chapter	Name	Software
1	Big Data Analytics with Java	Apache Spark, HDFS, Avro , Parquet, Java, Eclipse, Maven
2	First Steps on Data Analysis	Apache Spark, Spark SQL , Java, eclipse, maven
3	Data Visualization	Java, Apache Spark, JFreeChart, Spark SQL, Eclipse
4	Basics of Machine Learning	Java, Eclipse, Maven, Apache Spark, Spark SQL, Spark MLLib
5	Regression on Big Data	Java, Eclipse, Maven, Apache Spark, Spark SQL, Spark MLLib, JFreeChart
6	Naïve Bayes on Big Data	Java, Eclipse, Maven, Apache Spark, Spark SQL, Spark MLLib, JFreeChart
7	Decision Trees	Java, Eclipse, Maven, Apache Spark, Spark SQL, Spark MLLib, JFreeChart
8	Ensembling on Big Data	Java, Eclipse, Maven, Apache Spark, Spark SQL, Spark MLLib, JFreeChart
9	Recommendation Systems	Java, Eclipse, Maven, Apache Spark, Spark SQL, Spark MLLib, JFreeChart
10	Clustering and Customer Segmentation on Big Data	Java, Eclipse, Maven, Apache Spark, Spark SQL, Spark MLLib, JFreeChart
11	Massive graphs on Big Data	Java, Eclipse, Apache Spark, GraphFrames, Spark SQL , GraphStream
12	Real time analytics on Big Data	Apache Spark, Apache Kafka, Spark Streaming, Impala

13	Deep learning using Big Data	Java, IntelliJ, Apache Spark, DeepLearning4J
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