

Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
2	Java SE Development Kit (JDK) 8 (8u*)	Free	N/A	N/A	https://www.oracle.com/technetwork/java/javase/downloads	Minimum: 4 vCPUs 8GB RAM 25GB Storage	CentOS Linux 7
2	Anaconda 5.2 (with Python 3.6)	Free	N/A	N/A	https://repo.anaconda.com/archive/Anaconda3-5.2.0-Linux-x86_64.sh	As Above	CentOS Linux 7
2	Apache Spark 2.3.2	Free	N/A	N/A	https://www.apache.org/dyn/closer.lua/spark/spark-2.3.2/spark-2.3.2-bin-hadoop2.7.tgz	As Above	CentOS Linux 7
2	Apache Kafka 2.0.0	Free	N/A	N/A	https://archive.apache.org/dist/kafka/2.0.0/kafka_2.11-2.0.0.tgz	As Above	CentOS Linux 7