Chapter number	Software required (With version)	Download links to the software	Hardware specifications	OS required
1-9	Apache Cassandra	`http://cassandra.apache.org/download/`	Between 4GB and 16 GB of RAM	A recent version of Linux or MacOS
1-9	OpenJDK 8	`https://openjdk.java.net/install/`	Between 4 GB and 16 GB of RAM	A recent version of Linux or MacOS

1-9	Python 2.7	`https://www.python.org/downloads/release/python-2715/`	Between 4 GB and 16 GB of RAM	A recent version of Linux or MacOS
6	JMXTerm	`http://wiki.cyclopsgroup.org/jmxterm/download.html`	Between 4 GB and 16 GB of RAM	A recent version of Linux or MacOS
7	Telegraf JMXTrans InfluxDB Grafana Filebeat ElasticSearch, Kibana Docker	`https://portal.influxdata.com/downloads,` `http://central.maven.org/maven2/org/jmxtrans/jmxtrans/270/`, `https://portal.influxdata.com/downloads,` `http://docs.grafana.org/,` `https://www.elastic.co/downloads,` `https://www.docker.com/products/docker-desktop`	Between 4 GB and 16 GB of RAM	A recent version of Linux or MacOS

8	DataStax Java Driver Eclipse Apache Maven NetBeans	`https://github.com/ datastax/java-driver` `https://www.eclipse. org/downloads/,` `https://maven.apache. org/ide.html` `https://netbeans.org/ downloads/`	Between 4 GB and 16 GB of RAM	A recent version of Linux or MacOS
9	Spark R RStudio Jupyter	`https://spark.apache. org/downloads.html` `https://cran.r- project.org/doc/ manuals/r-release/R- admin.html` `https://www.rstudio. com/products/rstudio/ download/` `http://jupyter.org/ install`	Between 4 GB and 16 GB of RAM	A recent version of Linux or MacOS

Detailed installation steps (software-wise)

1. OpenJDK:
    - Debian Linux: `sudo apt-get install openjdk-8-jdk`
    - RHEL: `sudo yum install java-1.8.0-openjdk`
    - Mac OSX:
        1. `brew tap AdoptOpenJDK/openjdk`
        2. `brew install adoptopenjdk-openjdk8`

Any installation which is not detailed here, will be detailed in the appropriate sections of the book.