SOFTWARE/HARDWARE LIST

Chapter Name	Chapter Number	Software Required (With version)	Hardware Specifications	OS Required
Introduction to Data Analysis	1	• NetBeans 8.2	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Data Preprocessing	2	• NetBeans 8.2 • Excel 15 • javax.json-1.0.4.jar	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Data Visualization	3	• NetBeans 8.2 • Excel 15	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Statistics	4	• NetBeans 8.2 • Excel 15 • commons-math3-3.6.1.jar	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Relational Databases	5	• NetBeans 8.2	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Regression Analysis	6	• NetBeans 8.2 • Excel 15 • commons-math3-3.6.1.jar	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Classification Analysis	7	• NetBeans 8.2 • commons-math3-3.6.1.jar • weka-3-9-1/weka.jar	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Cluster Analysis	8	• NetBeans 8.2 • commons-math3-3.6.1.jar • weka-3-9-1/weka.jar	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Recommender Systems	9	• NetBeans 8.2	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
NoSQL Databases	10	• NetBeans 8.2 • MongoDB	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Big Data Analysis	11	• NetBeans 8.2 • MongoDB	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux
Java Tools		• NetBeans 8.2 • MySQL • commons-math3-3.6.1.jar	64 bit architecture, 2 GHz CPU, 4GB RAM, at least 2GB of hard disk space available	Windows, Mac, or Linux