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
1, 2, 4, 5	Anaconda v. 5.0.1	Free			https://www.continuum.io/downloads	CPU: 2 x 64-bit 2.8 GHz 8.00 GT/s CPUsRAM: 32 GB (or 16 GB of 1600 MHz DDR3 RAM) Storage: 300 GB. (600 GB for air-gapped deployments.)	Windows, MacOS or Linux
1, 2, 4, 5	Minoconda for Python 3.6	Free			https://conda.io/miniconda.html	32- or 64-bit computer. RAM: 32 GB (or 16 GB of 1600 MHz DDR3 RAM) Storage: 300GB	Windows, MacOS or Linux
3, 6	PostgreSQL 10	Free			https://www.postgresql.org/download/	64bit CPU 64bit Operating System 2 Gigabytes of memory Dual CPU/Core RAID 1	Windows, MacOS or Linux
3, 6, 7, 8	PostGIS Bundle 2.2.4	Free			https://postgis.net/install/		Windows, MacOS or Linux
8	QGIS	Free			https://qgis.org/en/site/forusers/download.html	No formal requirements. Runs on almost any modern computer.	Windows, MacOS or Linux
16	Hortonworks Data Platform	Free			https://hortonworks.com/downloads/	CentOS release 6.9 (Final) Java Version (docker container) openjdk version "1.8.0_161" OpenJDK Runtime Environment (build 1.8.0_161-b14) OpenJDK 64-Bit Server VM (build 25.161-b14, mixed mode) Updated from previous version	CentOS, MacOS
10	MapD Core Community Edition	Free and Proprietary versions (but cloud server with GPUs will cost money)	https://www.mapd.com/cloud/		https://www.mapd.com/platform/downloads/	With GPU: NVIDIA GPU chips	Linux/MacOS/Windows