Software:

- Scala 2.11.8 or higher
- Java 1.8.0_25
- SBT 0.13 or higher
- JFreeChart 1.0.17
- Apache Commons Math library 3.5 (Chapter 3, Data Pre-processing, Chapter 4, Unsupervised Learning, and Chapter 9, Regression and Regularization)
- Indian Institute of Technology Bombay CRF 0.2 (Chapter 7, Sequential Data Models)
- LIBSVM 0.1.6 (Chapter 8, Kernel Models and Support Vector Machines)
- Akka 2.3.8 or higher (or Typesafe activator 1.2.10 or higher) (Chapter 16, Parallelism in Scala and Akka)
- Apache Spark 2.1.0 or higher (Chapter 17, Apache Spark MLlib)

Hardware:

- 2 CPU core with 4 Gbytes RAM for small datasets to build and run examples.
- 4 CPU Core and 8+ Gbytes RAM for datasets of size 75,000 or larger and/or with 50 features set or larger