Software specifications:

Chapter number	Software required (With version)	Free/Propriet ary	Download links to the software	Hardware specifications	OS required
2-15	python (2.7 or 3.5)	Free	https://www.python.org/do wnloads/	None	Windows, Linux, Mac OS X
3, 5, 6, 7, 14	spaCy	Free	https://spacy.io	None	Windows, Linux, Mac OS X
4, 8, 9, 11, 12	gensim	Free	https://github.com/RaRe-Technologies/gensim	None	Windows, Linux, Mac OS X
10	scikit-learn	Free	http://scikit-learn.org/stable/	None	Windows, Linux, Mac OS X
13, 14	Keras	Free	https://keras.io	None	Windows, Linux, Mac OS X

Installation steps (software-wise):

Use the following steps/commands to set up the system environment:

1. Python:

   a. Most, if not all, OS come installed with python. It is already available on Windowns, Ubuntu 14.04 onwards, and Mac OSX.

   b. If not, please follow the official wiki documentation: https://wiki.python.org/moin/BeginnersGuide/Download

2. spaCy

   pip install spaCy

3. Gensim

   pip install genism

4. Keras

   pip install keras

5. scikit-learn

   pip install scikit-learn