Software specifications

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
All	Python 2.7 / Anaconda Distribution	Free	NA	NA	http://continuum.io/downloads	Common Terminal Based Printing System	Mac / Linux / Windows
All	Seaborn – python package	Free	NA	NA	pip install seaborn	Common Terminal Based Printing System	Mac / Linux / Windows
5	textblob	Free	NA	NA	pip install Textblob	Common Terminal Based Printing System	Mac / Linux / Windows
5	nltk	Free	NA	NA	See below	Common Terminal Based Printing System	Mac / Linux / Windows

Detailed installation steps (software-wise)

The steps should be listed in a way that it prepares the system environment to be able to test the codes of the book.

1. Python 2.7:
   a. Should come with system, nothing to do
2. Anaconda Distribution
   a. Go to http://continuum.io/downloads and download system specific distribution
   b. Set up a "conda virtual environment" https://uoa-eresearch.github.io/eresearch-cookbook/recipe/2014/11/20/conda/
   c. Activate the conda virtual environment
   d. NOTE for Mac / Linux users please use default Terminal App, Windows Users should install "Git Bash Terminal" to have similar commands
3. Seaborn, textblob:
   a. With any new python package, they can usually be installed by typing in "pip install seaborn" replacing the word seaborn with the name of the package in your terminal with the conda virtual environment activated
4. NLTK:
   a. The python Natural Language Toolkit
   b. With a jupyter notebook open type in:
      i. import nltk
      ii. nltk.download()
      iii. choose all