

Software and hardware list

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 3.5	Free	N/A	N/A	https://www.python.org/downloads/release/python-350/	Standard PC	Windows / Ubuntu
All	Tensorflow 1.2 / 1.3	Free	N/A	N/A	https://www.tensorflow.org/install/	Standard PC (Better if GPUs exist)	Windows/Ubuntu
All	Jupyter Notebook	Free	N/A	N/A	http://jupyter.readthedocs.io/en/latest/install.html	Standard PC	Windows/Ubuntu
All	Nltk 3.2	Free	N/A	N/A	https://www.nltk.org/install.html	Standard PC	Windows / Ubuntu
All	Matplotlib (Python 3.5 supported)	Free	N/A	N/A	https://matplotlib.org/users/installing.html	Standard PC	Windows / Ubuntu
All	NumPy (Python 3.5 compatible)	Free	N/A	N/A	https://docs.scipy.org/doc/numpy/user/install.html	Standard PC	Windows/Ubuntu
All	Six	Free	N/A	N/A	https://pypi.python.org/pypi/six	Standard PC	Windows / Ubuntu
3,4	Scikit-Learn	Free	N/A	N/A	http://scikit-learn.org/stable/install.html	Standard PC	Windows/Ubuntu