

## 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
1, 2, 3, 6, 9,10,11	Python>=3.5 TensorFlow 2.0, NumPy, Matplotlib 3.1.1, Pandas 0.25.3 Scikit Learn 0.21, Gym	Free			<a href="https://www.tensorflow.org/install">https://www.tensorflow.org/install</a>  <a href="https://numpy.org">https://numpy.org</a> <a href="https://matplotlib.org/users/installing.html">https://matplotlib.org/users/installing.html</a> <a href="https://pandas.pydata.org">https://pandas.pydata.org</a> <a href="https://scikit-learn.org/stable/install.html">https://scikit-learn.org/stable/install.html</a> <a href="https://gym.openai.com/">https://gym.openai.com/</a>	Processor intel i5 or higher. Minimum 8GB RAM.	Ubuntu 16/18, macOS, Windows
7	gensim >=3.4.0	Free	N/A	N/A	<a href="https://pypi.org/project/gensim/">https://pypi.org/project/gensim/</a>	As above	As above

## Installation instruction:

We suggest using Anaconda to install Python. Create an environment and then follow the instructions given in the links. For any additional software dependency, the instructions have been added within the chapter.