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	• Keras version 2.1 • Numpy latest version • Pandas latest version • Matplotlib latest version	Free	NA	NA	https://keras.io/ The result will be installed using python package manager pip	Computer with access to internet	Windows/linux/mac
2	• statsmodels • pandas • sklearn • matplotlib • patsy	Free	NA	NA	https://pypi.python.org/pypi	Computer with internet access	Windows/linux/mac
3	• TensorFlow	Free	NA	NA	https://pypi.python.org/pypi	Computer with internet access	Windows/linux/mac
4-15	• TensorFlow	Free	NA	NA	https://pypi.python.org/pypi	Computer with internet access	Windows/linux/mac

Detailed installation steps (software-wise)

Steps for installing the required software for this book:

1. Keras:
    1. install TensorFlow using `pip install TensorFlow==1.4`
    2. install keras using `pip install keras`
2. Pandas:
    1. install pandas using `pip install pandas`
3. Numpy:
    1. install numpy using `pip install numpy`
4. matplotlib:
    1. install matplotlib using `pip install matplotlib`
5. opencv-python

1. install opencv-python using `pip install opencv-python`
6. sklearn
   1. install sklearn using `pip install sklearn`
7. statsmodels
   1. install statsmodels using `pip install statsmodels`
8. pasty
   1. install pasty using `pip install pasty`
9. Install TensorFlow for GPU
   1. install tensorflow-gpu `pip install tensorflow-gpu`

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