

Software specifications

Chapter number	Software required (With version)	Free/Proprietary	Download links to the software	Hardware specifications	OS required
1 to 10	Python 3, Keras, TensorFlow	Open-source	Python 3 is installed on Ubuntu 16.04 by default Use pip3 command to install TensorFlow and Keras.	Ubuntu 16.04 LTS with NVIDIA GPU (at least 1060)	Linux

Detailed installation steps

Following are the commands for installing TensorFlow and Keras:

1. `$ sudo pip3 install tensorflow-gpu`
2. `$ sudo pip3 install keras`