

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 |
|----------------|----------------------------------|------------------|---|---|---|--|-------------|
| 1-13 | Python3 TensorFlow2 | Open-Source | | | Python 3 is installed on Ubuntu 18.04 LTS by default Use pip3 to install TensorFlow 2 or use Anaconda and install TensorFlow2 in Anaconda environment NVIDIA driver | Ubuntu 18.04 LTS with NVIDIA GPU (at least 1060) | Linux |

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. `sudo pip3 install tensorflow-gpu`