

Software installation instructions

The course will primarily require Python 3.7.1 or higher version.

Installation on your own computer (recommended):

- Install Anaconda using the installer from the following link. Follow recommended settings during installation.

Link: <https://www.anaconda.com/products/individual>

Helpful guide: <https://www.geeksforgeeks.org/how-to-install-anaconda-on-windows/>

- Open “Anaconda Prompt” from Windows start menu, or “Terminal” in MacOS/Linux. Run each of the following commands to install the required packages:
 - o *conda install matplotlib*
 - o *conda install numpy*
 - o *conda install pandas*
 - o *conda install pytorch torchvision torchaudio cpuonly -c pytorch*
- Open “Anaconda Navigator” and launch Jupyter (Jupyter-lab is preferred but Jupyter-notebook is also ok). We will use Jupyter during the course so please familiarize yourself with the interface.

A nice tutorial on Jupyter: <https://www.youtube.com/watch?v=7wfPqAyYADY>

- Run the following commands in your jupyter notebook to see if your packages were installed correctly (if there are no errors, that means the packages are installed)
 - o *import matplotlib as plt*
 - o *import numpy as np*
 - o *import pandas as pd*
 - o *import torch*

Online alternatives with preinstalled packages (no need for local installations):

- Google colab (<https://colab.research.google.com/>)
- Deepnote (<https://deepnote.com/>)