

We will work on virtual environments. This is a good practice, and it's extremely useful.

On Linux

1. Open a terminal and check if pip is already installed by typing:
> pip3 --version
If you get a message saying that pip is not installed:
> sudo apt update
> sudo apt install python3-pip
2. Install the package for allowing virtual environments
> sudo apt install python3-venv
3. Go to your working folder (the one where you have the downloaded jupyter notebook and csv file)
cd <my-working-folder>
4. Create a virtual environment (seminar-venv in this example) and activate it
> python -m venv seminar-venv
> source seminar-venv/bin/activate
5. Install required packages
> pip install jupyterlab numpy pandas matplotlib
6. If you want to deactivate your venv
> deactivate

On Windows

What I recommend for Windows users is to install the Anaconda package. Since it will prevent problems, and logging is as administrator.

1. Download Anaconda from their official website and follow their instructions [here](#).
2. Open a terminal (now that you have conda, a new word should appear at the beginning of the line: "base") and go to your working folder (the one where you have the downloaded jupyter notebook and csv file).
3. First you will need to install a package for efficiently use jupyter notebooks:
> conda install nb_conda_kernels
4. Create a virtual environment (seminar-venv in this example) and activate it
> conda create -n seminar-venv
> conda activate seminar-venv
5. Install required packages
> conda install jupyter numpy pandas matplotlib
6. If you want to deactivate your venv
> conda deactivate seminar-venv