# Installation

If you aren’t already setup with Python and Jupyter Notebook or JupyterLab please install either Anaconda or Miniconda. I would recommend installing Miniconda. Anaconda is more user friendly but is a huge application. Miniconda is less user friendly but much lighter (basically installs Python and Conda for managing packages). Anaconda is a much heavier application because it installs pretty much every module you will ever need. With Miniconda you will likely need to import additional modules as you go. I would recommend Miniconda.

Instructions before the session

1. Go to … and download the file … .ipynb and the requirements.txt file and add them to an empty project directory folder called `PythonBootcamp`

*If you want to install Anaconda instead of Miniconda, skip to step 4. If you already have Miniconda installed, skip to step 3.*

1. If you haven’t already got Miniconda please install Miniconda it for Python 3.7 from <https://docs.conda.io/en/latest/miniconda.html> (keep all default options)
2. Once installed, open `anaconda prompt (miniconda3)` by pressing the Windows button and searching ` anaconda prompt`.
3. Navigate to the `PythonBootcamp` directory using `cd` commands
4. Run the command `conda install -r requirements.txt` to install all modules required during this bootcamp - this may take some time
5. Run the command `jupyter lab`. This should open a new browser running JupyterLab (<https://jupyterlab.readthedocs.io/en/stable/>). You can use either JupyterLab or Jupyter Notebook (by running `jupyter notebook`), JupyterLab is just a better version of Jupyter Notebook (in my opinion).

Miniconda setup:

When going through the installation steps add Python to path

conda install -c conda-forge --file requirements.txt