

Installing Jupyter

Install Jupyter **before** the first tutorial. You don't have to hand in anything for this.

1. Make sure you have a working python 3 environment
 - Downloading python 3 from python.org, as opposed to upgrading, will leave an existing python 2 version unchanged.
 - If you like, you can also install anaconda, which includes jupyter. See the instructions on jupyter.org/install.
2. You might want to consider installing jupyter in a virtual environment. Virtual environments allow you to install python packages, without overwriting previous versions that your other python projects might rely on. Open a terminal, then type:
 - `pip install virtualenv` (Adds the virtualenv package to your main python installation. Use `pip3` if `pip` refers to python 2.)
 - `virtualenv path/to/your/new/venv` (Creates a folder where packages you add to the venv will be stored.)
 - `source path/to/your/new/venv/bin/activate` (Activates the venv. Any Python tasks that you start from this terminal session will now use the libraries stored in the `your/new/venv` folder. To leave the venv session, type `deactivate` or simply close the terminal.)
3. Install jupyter (jupyter.org/install) and numpy (via pip).
4. In the terminal, navigate to wherever you want to keep your statistic files during this semester, then type `jupyter notebook`. This will open a jupyter interface in your browser. From here you can open notebooks that are located in the same directory, or create a new notebook.
5. Create a new notebook, or modify `jupyter-intro.ipynb`. Practise using a notebook: Add a code block, add a text block (markdown). Try writing something in Latex. Try running the code.