

# Anaconda and Jupyter Notebook Basics

## 1. Anaconda

- a. Download link: <https://www.anaconda.com/download/>
- b. Creating an environment: `conda create --name chemoinformatics python=3.6`
- c. Deleting environment: `conda remove --name chemoinformatics --all`
- d. Updating Anaconda:
  - i. `conda update conda`
  - ii. `conda update anaconda`
- e. Activating environment:
  - i. Linux and Mac: `source activate chemoinformatics`
  - ii. Windows: `activate chemoinformatics`
- f. Installing ipython kernel: `python -m ipykernel install --user --name chemoinformatics --display-name "Chemoinformatics"`
- g. Installing packages:
  - i. `pip install package_name`
  - ii. `conda install package_name`
- h. Installing from requirements file
  - i. `pip install -r requirements.txt`

## 2. Jupyter notebook

- a. Starting: `jupyter notebook`
- b. Two views in jupyter:
  - i. Press `Enter` to move to Edit Mode
  - ii. Press `Esc` to move back to Command Mode
- c. Executing code in cell: `Ctrl + Enter` (Command Mode) or `Shift + Enter` to automatically move to the next cell
- d. A variety of other shortcuts available, look under Help -> Keyboard Shortcuts