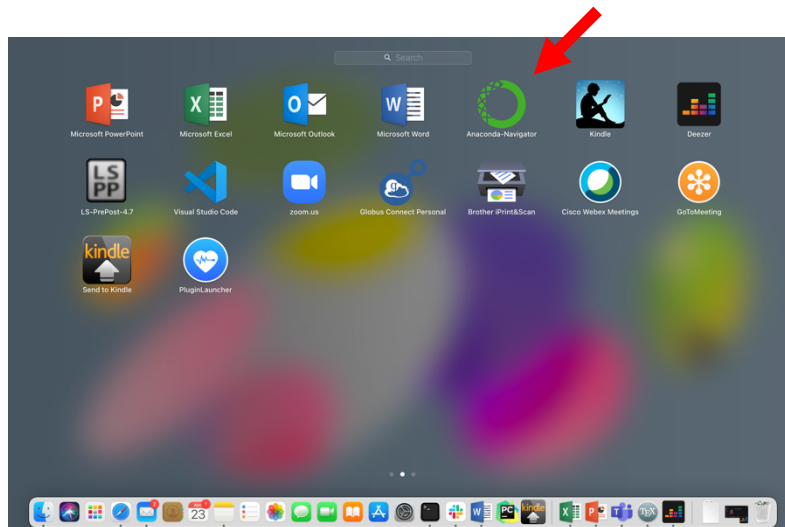
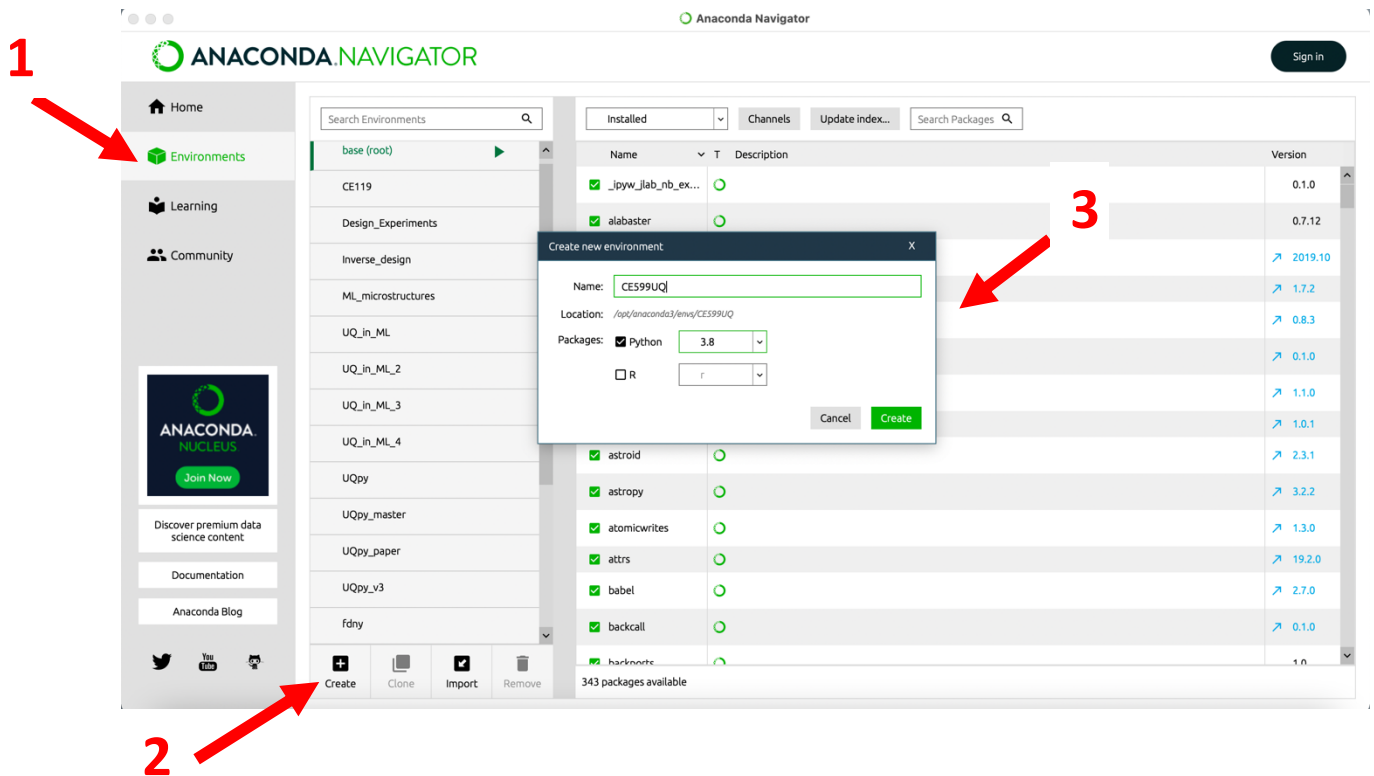


Installing Python and Jupyter Notebook via Anaconda

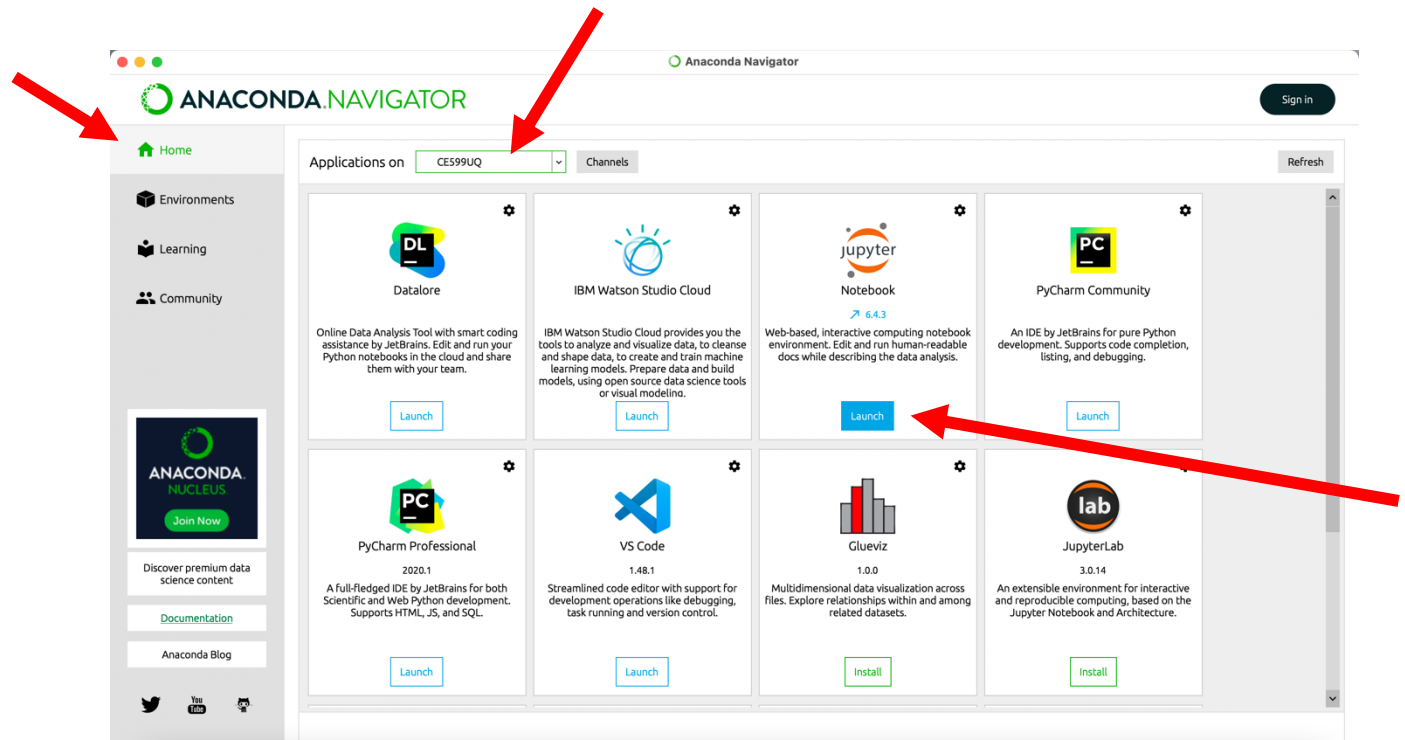
- Download the anaconda .exe installation file from anaconda.com
- Open your "downloads" folder from the files app and follow the instructions when prompted,
- Go to your applications and open the Anaconda-Navigator,



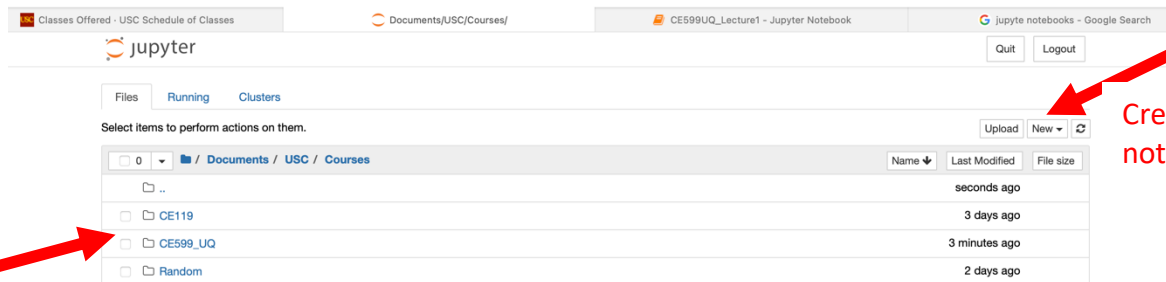
- Install a Python environment specific for this class (it is good practice to create different environments for different projects you are working on, avoiding conflicts between various packages you may need for various projects): open the `Environments` tab on the left and at the bottom click on `+` create, in name write `CE599UQ` and check the Python box, selecting the latest Python version. Click on the green `Create` button.



- Go back to the 'Home' tab on the left, choose Applications on CE599UQ at the top, and launch Jupyter Notebook (note: you may have to click install if it is not installed yet), this will open a link in your default web browser.



- In the web page, navigate to your working directory (i.e., the directory where you want to create your notebook, or where the notebook you want to open has been saved),
- To open an existing notebook, just click on its name,
- To create a new notebook: click `New` at the top right, then select "Python 3" or "Python (ipykernel)".



Navigate to correct folder
/ open existing notebook

Installing new packages

In the Anaconda-Navigator:

- Go to the Environments tab,
- Choose the correct environment from the list (i.e., CE599UQ),
- On the right you can visualize packages that are installed / not installed in the environment, you can also search using the search box
- To install a package: select the package (numpy in the picture below), then click the green button Apply at the bottom right (click again on Apply if prompted again)

