JUPYTER SETUP

We need to set up an environment in order to run our python code. For this class we will use Jupyter Notebooks, and here we'll provide instructions on 2 options of environments that you can set up to run your notebooks.

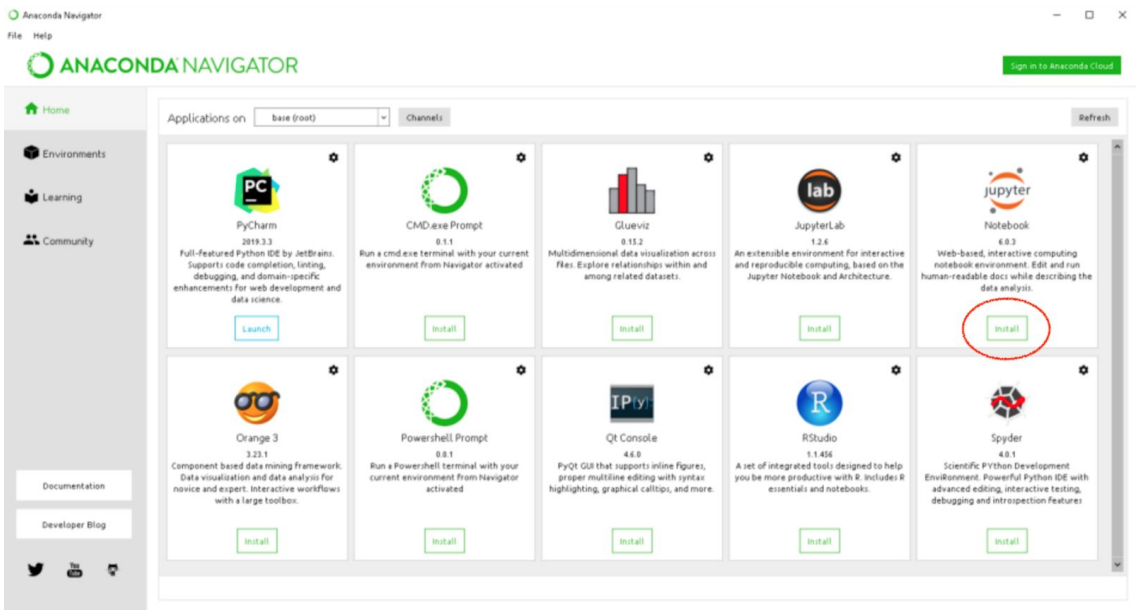
Option A - Local Setup:

1. Install Anaconda: https://docs.anaconda.com/anaconda/install/

2. Open the Anaconda Navigator:

   Anaconda Navigator starts automatically with a "base (root)" environment. You can either use this default environment, or create a new specific environment for this class. We recommend you do the latter by following the simple instructions in this link: Managing environments

3. Once you have your environment ready, check if Jupyter Notebook is installed. This should be the case if you created a new environment and ticked the Python ☑ box. If not installed, please proceed to install it.



4. Launch Jupyter Notebook. It will open a new browser window for you.

5. Go to the 'Files' tab if not already there, select 'New': you can create a new 'Folder' in any specified path you desire. Subsequently create a new 'Python 3' notebook, click on it to open, and you are ready to code!

Option B - DataHub:

1. Access Berkeley's DataHub via the following link: https://datahub.berkeley.edu/

2. Enter your student credentials, and authorize datahub access to your account.

3. Go to the 'Files' tab if not already there, select 'New': you can create a new 'Folder' in any specified path you desire. Subsequently create a new 'Python 3' notebook, click on it to open, and you are ready to code!

Extra - Installing packages:

Additionally, you can install and manage packages for each of your environments. Some packages come by default with your environments. We will show you during lab how to install a package if you don't have it. Here are some resources for the time being:

- Install package directly from the Anaconda Navigator: Managing packages
- From the terminal with 'pip': Installing Python Modules
- From within the Jupyter notebook: Install Python Package Using Jupyter