In order to run the notebooks discussed in the class, we will need to install JupyterLab. The most convenient way to install all the necessary packages we will need for our class is by first installing Anaconda, which is a very popular data science platform. Here we will go over the steps to install Anaconda and JupyterLab.

Note: Windows users are advised to install a Linux VM because path/environment related issues are frequent in Windows. Please contact Kevin Coakley (kcoakley@eng.ucsd.edu) if you face any issues in installing the Linux VM. If you are facing difficulties in copying data to and from the VM, you can either use VMWare Workstation or just use Google Drive/Github.

Step 1: To start with, we will install Anaconda (https://www.anaconda.com/products/individual). Details of how to install Anaconda depending on the OS and system configurations you are working with can be found here: https://docs.anaconda.com/anaconda/install/:

- Download the latest Anaconda installer corresponding to your OS using this Download link
- Once you have downloaded the installer, run the installer(choose default options wherever prompted for choosing an option)
- Verify your installation (https://docs.anaconda.com/anaconda/install/verify-install/)

Step 2: Install JupyterLab:
After installing Anaconda, installing almost all python packages is straightforward. In most cases, installation of any package using Anaconda is done using the command:
`conda install <package_name>`
However, it is always the best practice to go to the package documentation/project page and look for the Installation instructions. For example for JupyterLab, the installation instructions can be found here: https://jupyter.org/install
As mentioned in these instructions, we will install JupyterLab by running the following command:
`conda install -c conda-forge jupyterlab`

Note: https://mas-dse.github.io/startup/ also has all the relevant links and some directions for installing Anaconda and Git on your local machine.