

Setting up the Jupyterlab environment

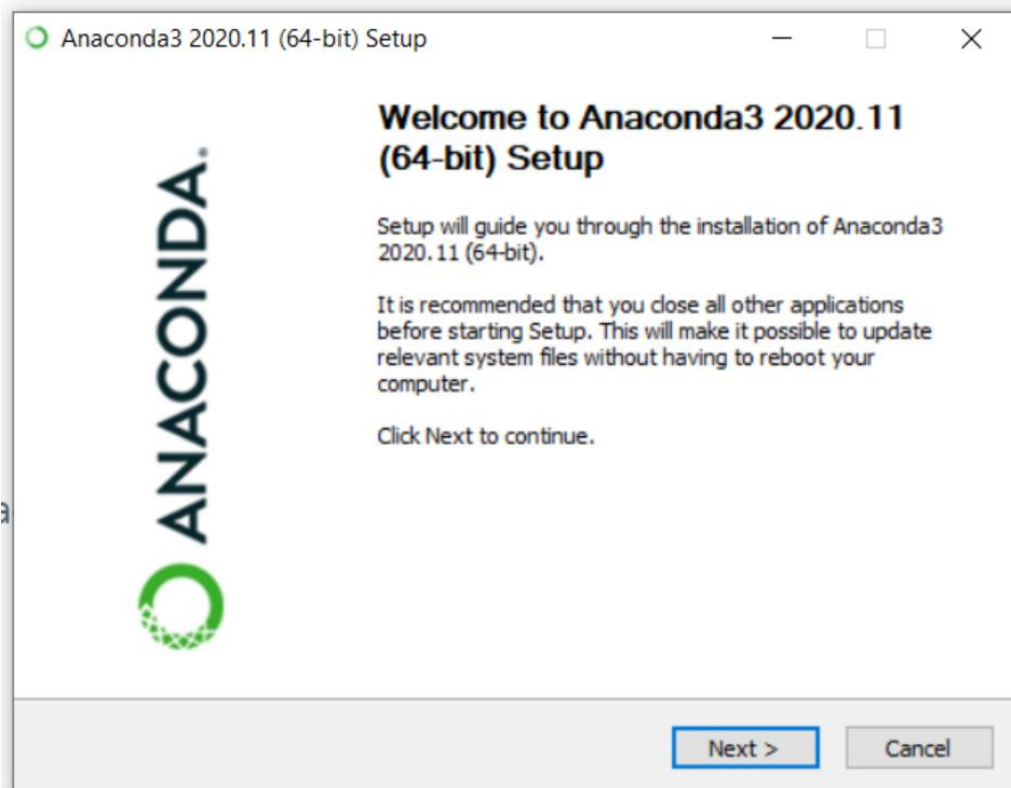
Python is a prerequisite for installing the Jupyterlab environment. In this course, we advise you to install Anaconda Python distribution as it is preinstalled with Jupyterlab. Review the below system requirements before starting to install Python.

System requirements:

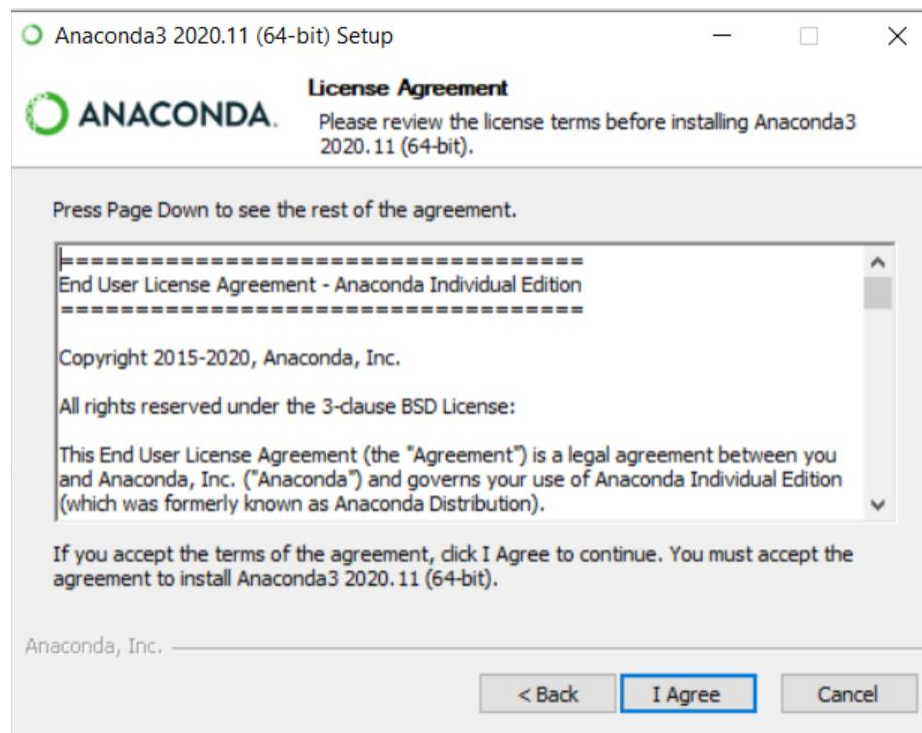
- Operating system: Windows 8 or newer
- If you have older operating systems, refer <https://docs.Anaconda.com/Anaconda/install/#old-os> to find the recommended version of Anaconda and download it from <https://repo.Anaconda.com/archive/>
- Minimum 5GB disk space to download and install

Install Anaconda on Windows

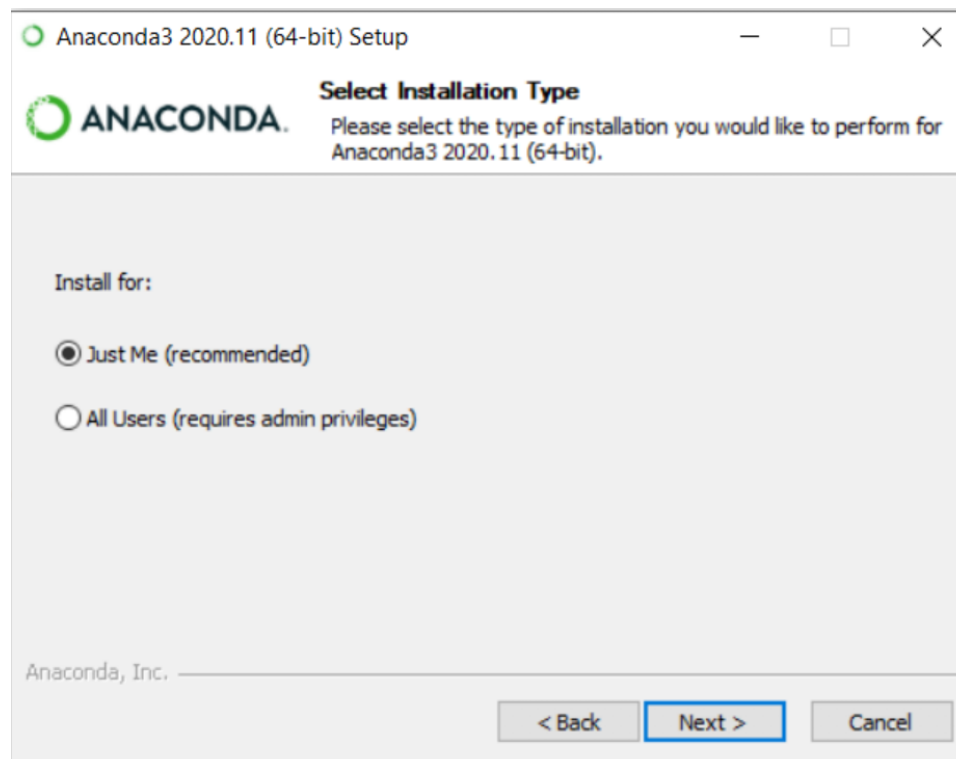
1. Download the Anaconda installer from <https://www.anaconda.com/download/#windows>
2. Double click the installer to launch
3. Click “Next”



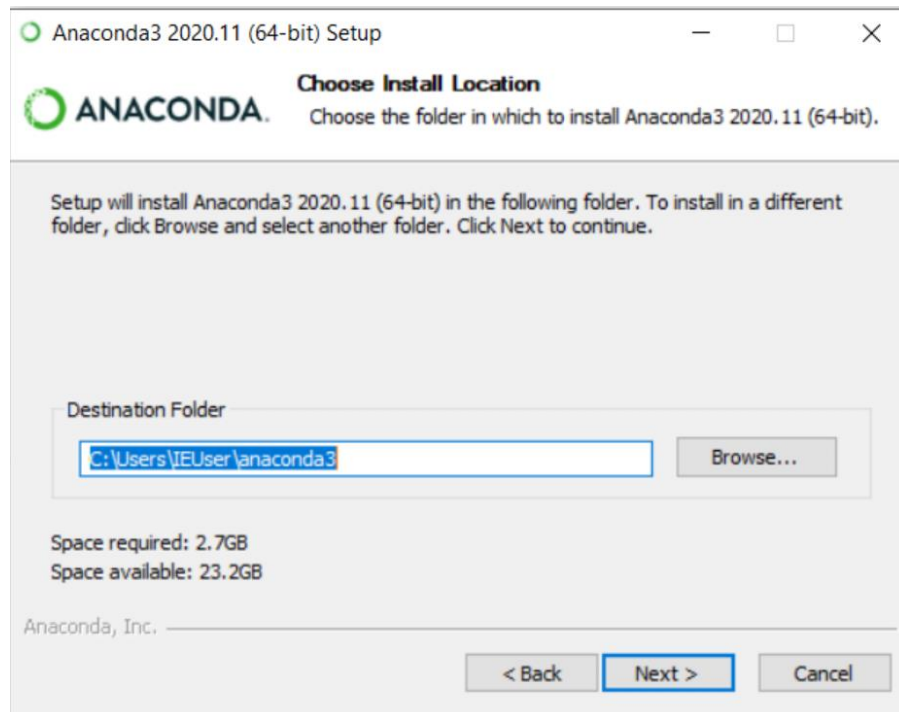
4. Read the license terms and conditions and click "I Agree"



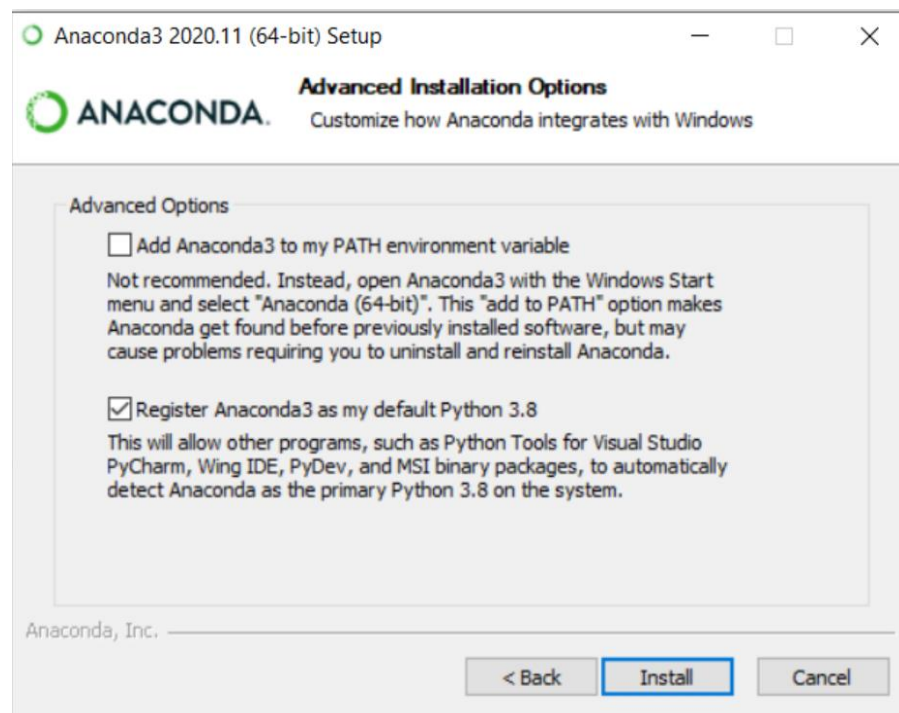
5. Select an install for "Just Me" option



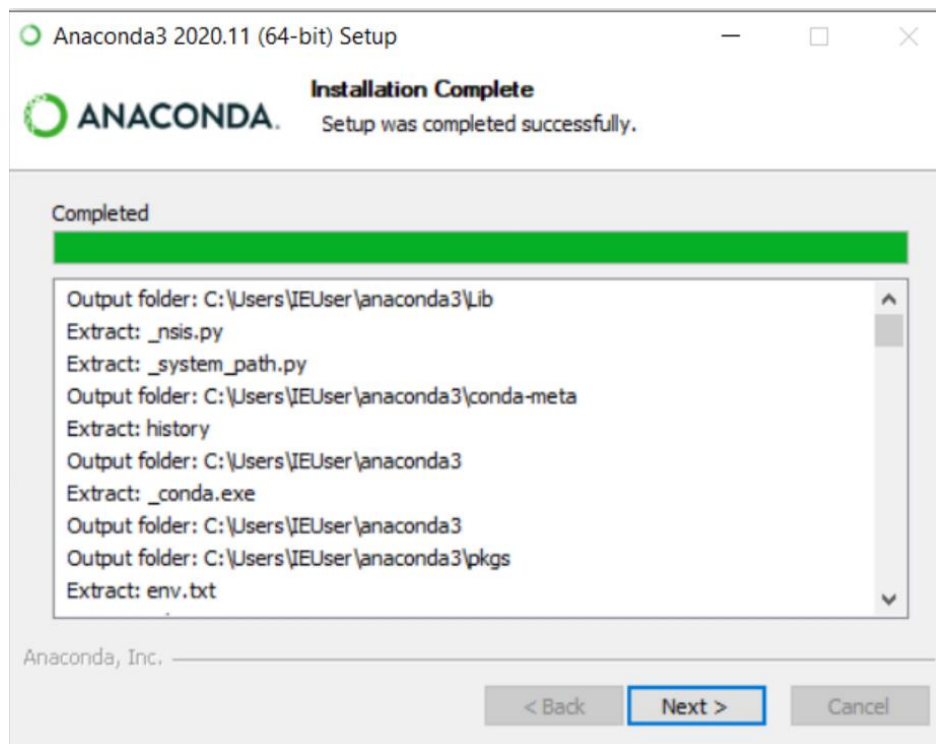
6. Verify installation folder and click “Next”. Change the installation folder to a different location if it is required.



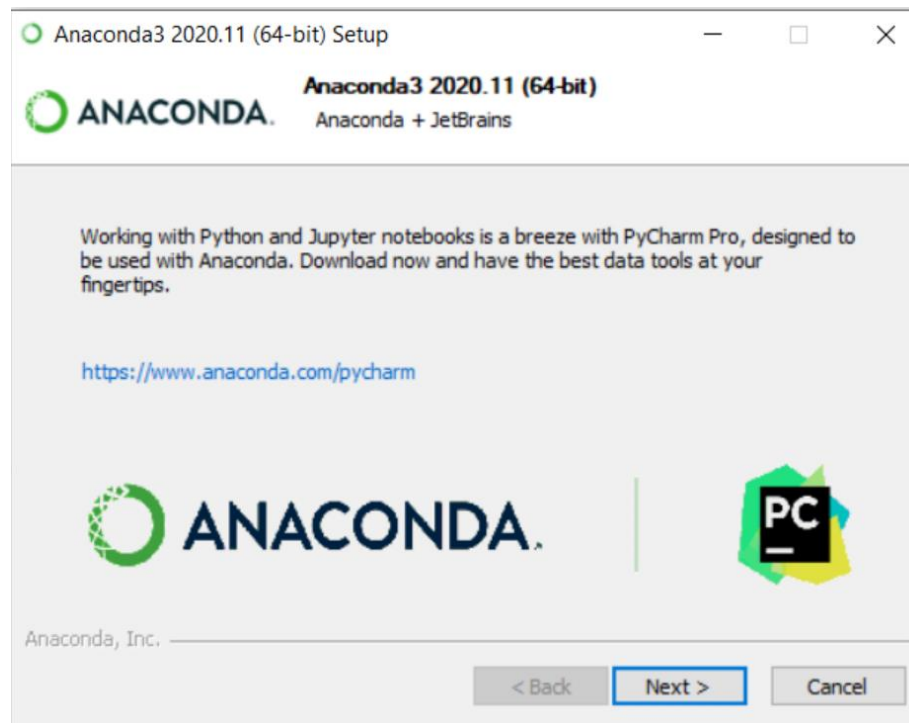
7. Uncheck “Add Anaconda3 to my PATH environment variable” and click “Install”



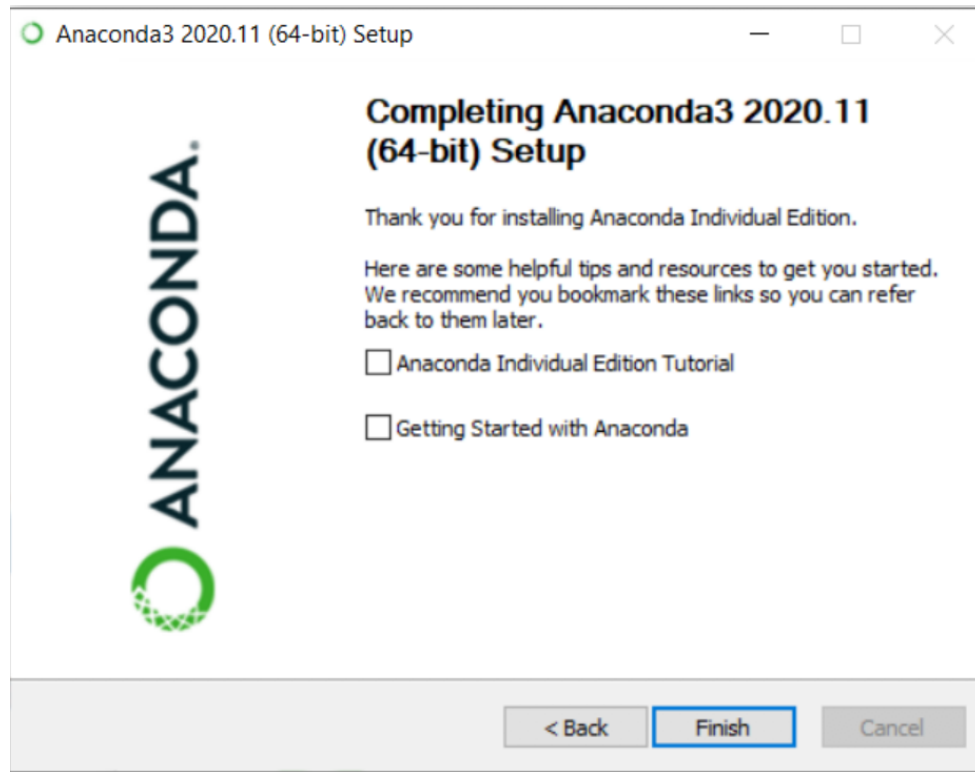
8. Click “Next”



9. Click "Next"



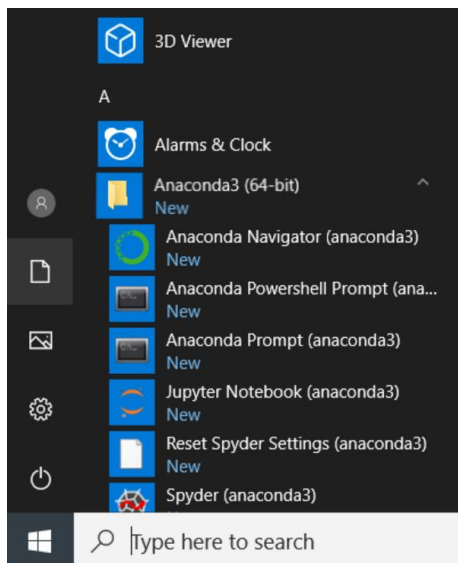
10. Click "Finish" to complete the installation



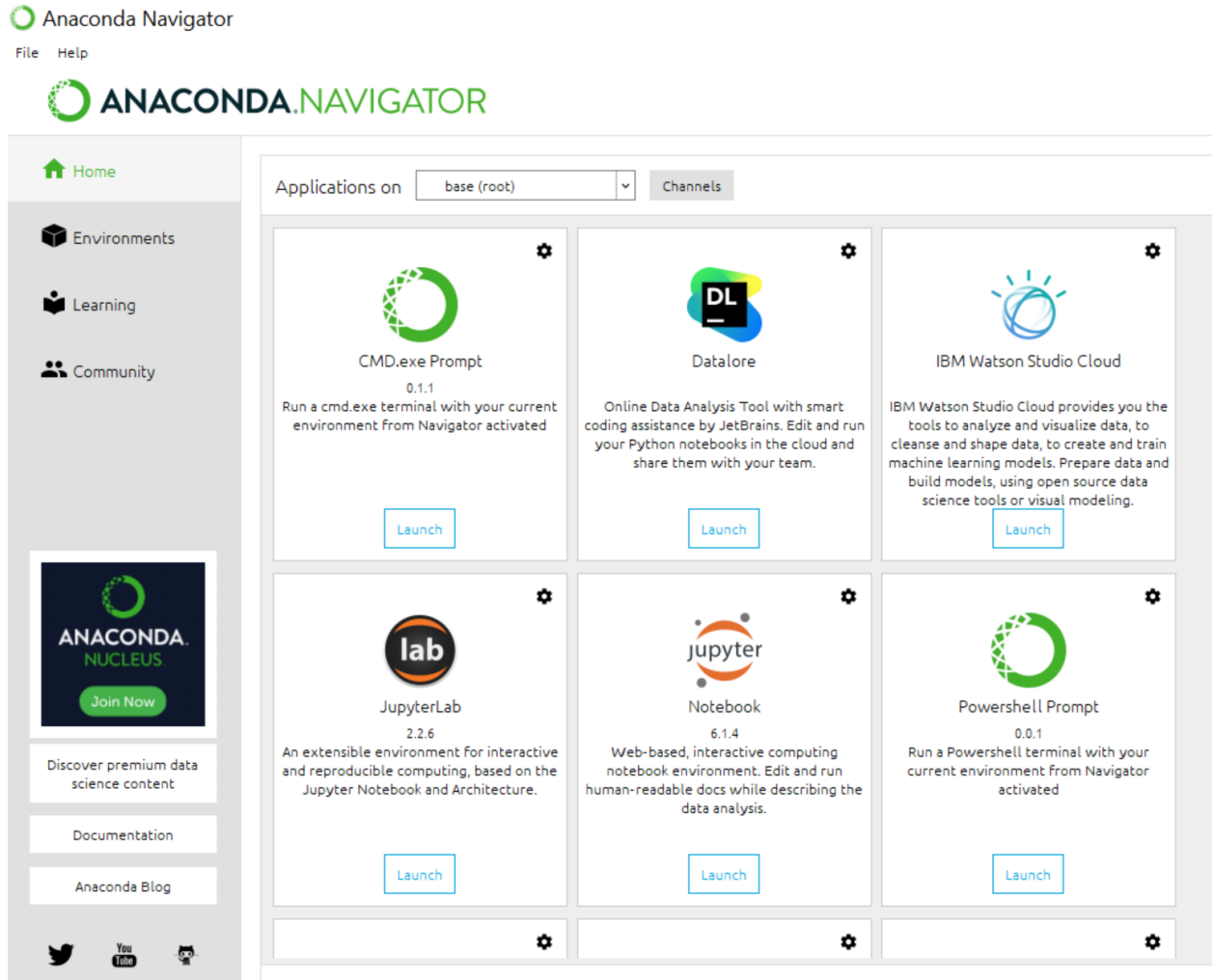
Congratulations! You have successfully installed Anaconda Python on your system.

Getting started with Jupyterlab

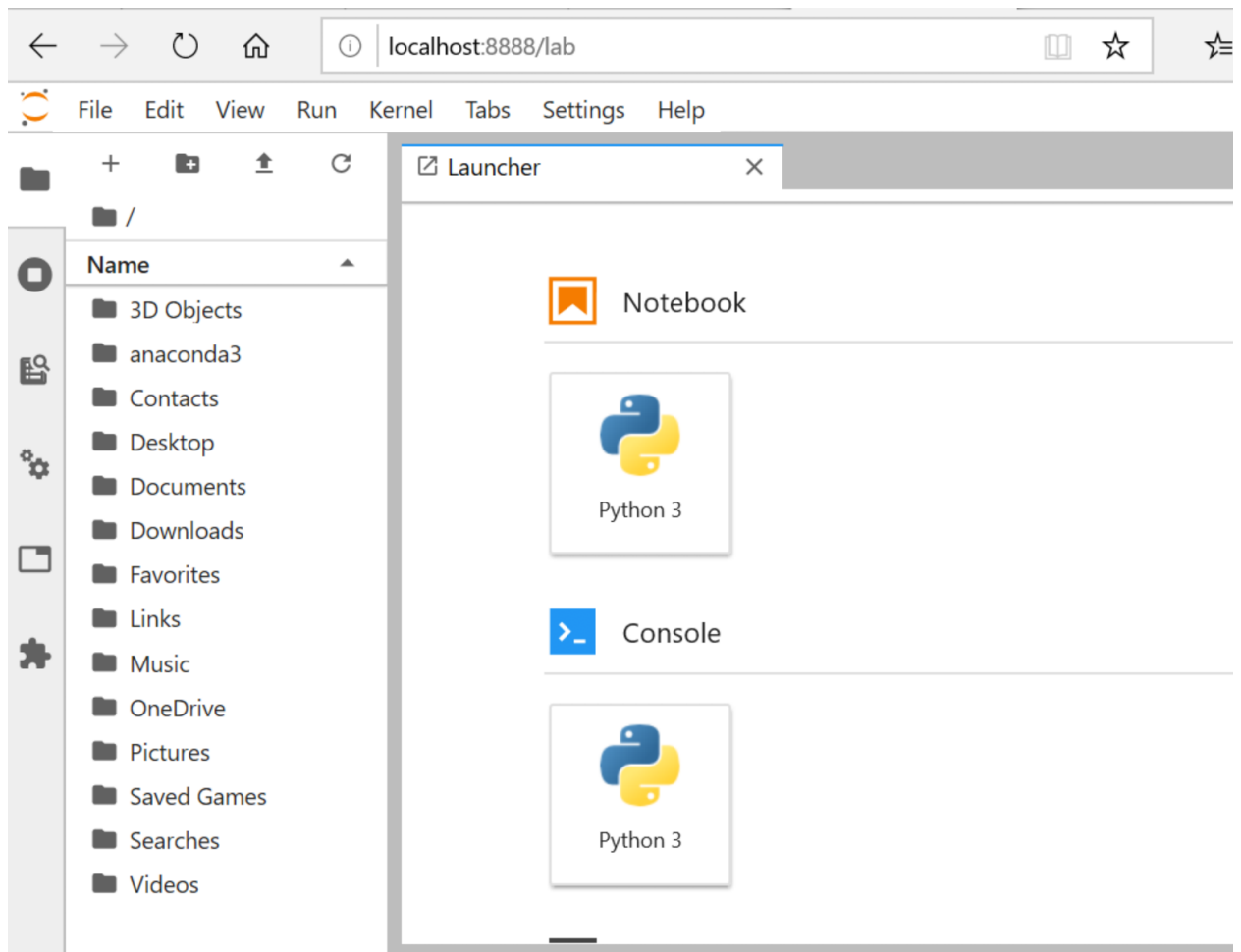
1. Goto start and click “Anaconda Navigator(anaconda3)”



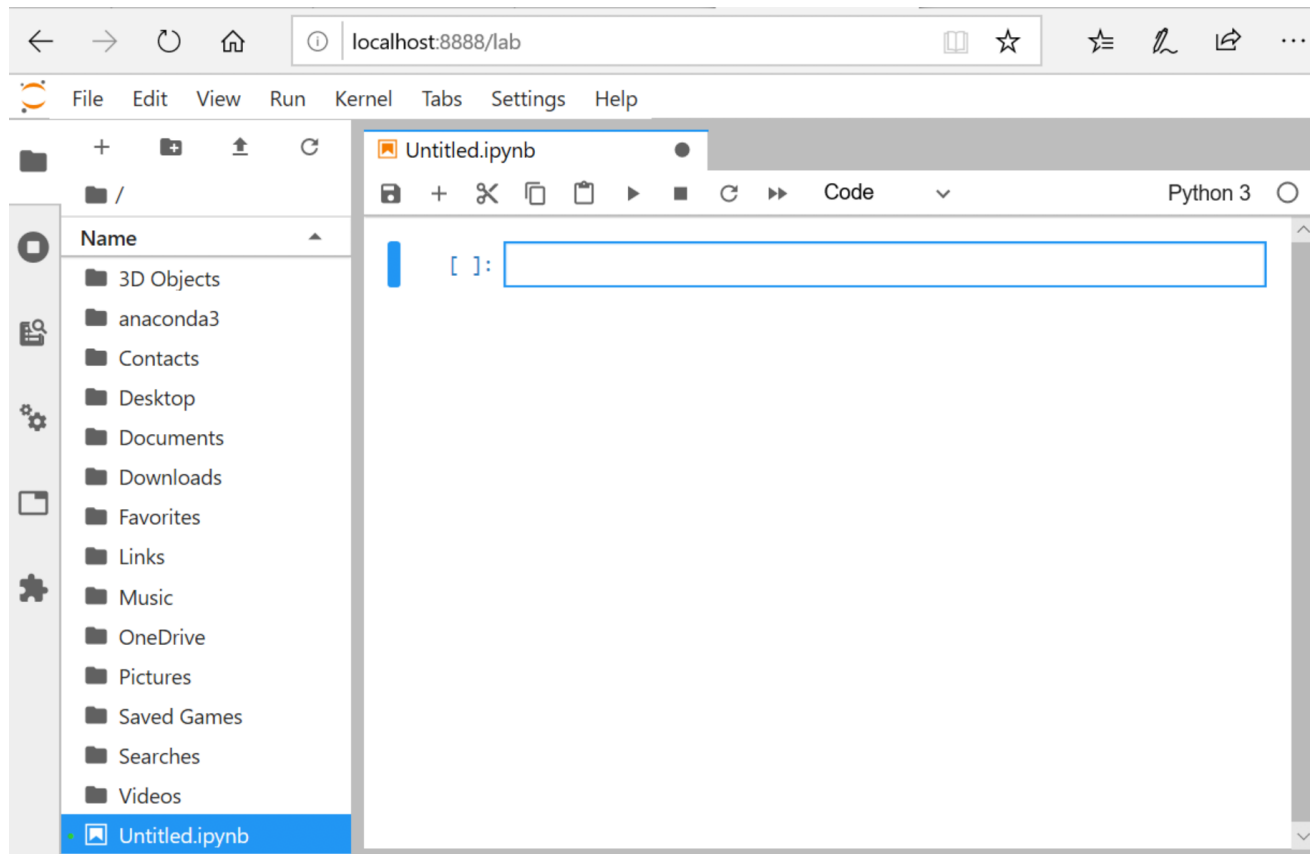
2. Click “Launch” under Jupyterlab. It will open up a jupyterlab on your browser.



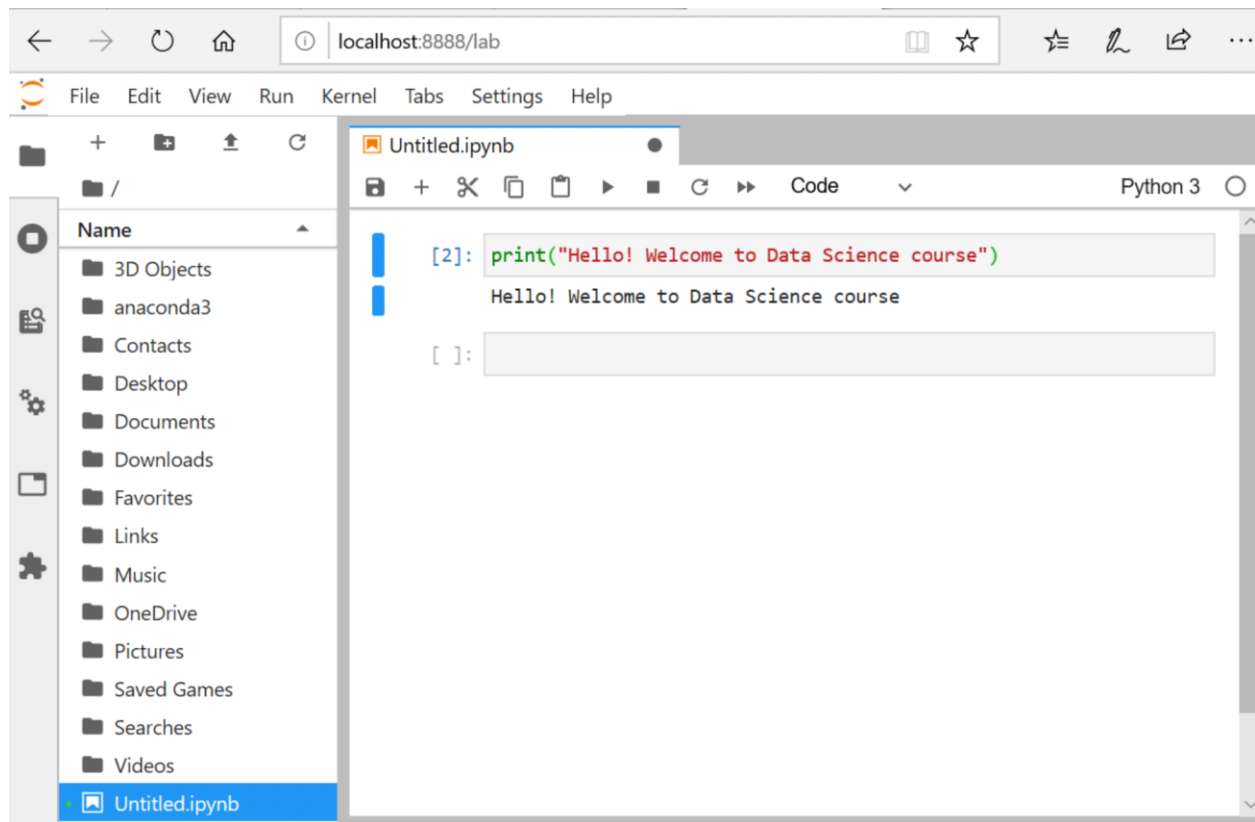
3. Click "Python 3" under Notebook to start your first Python notebook



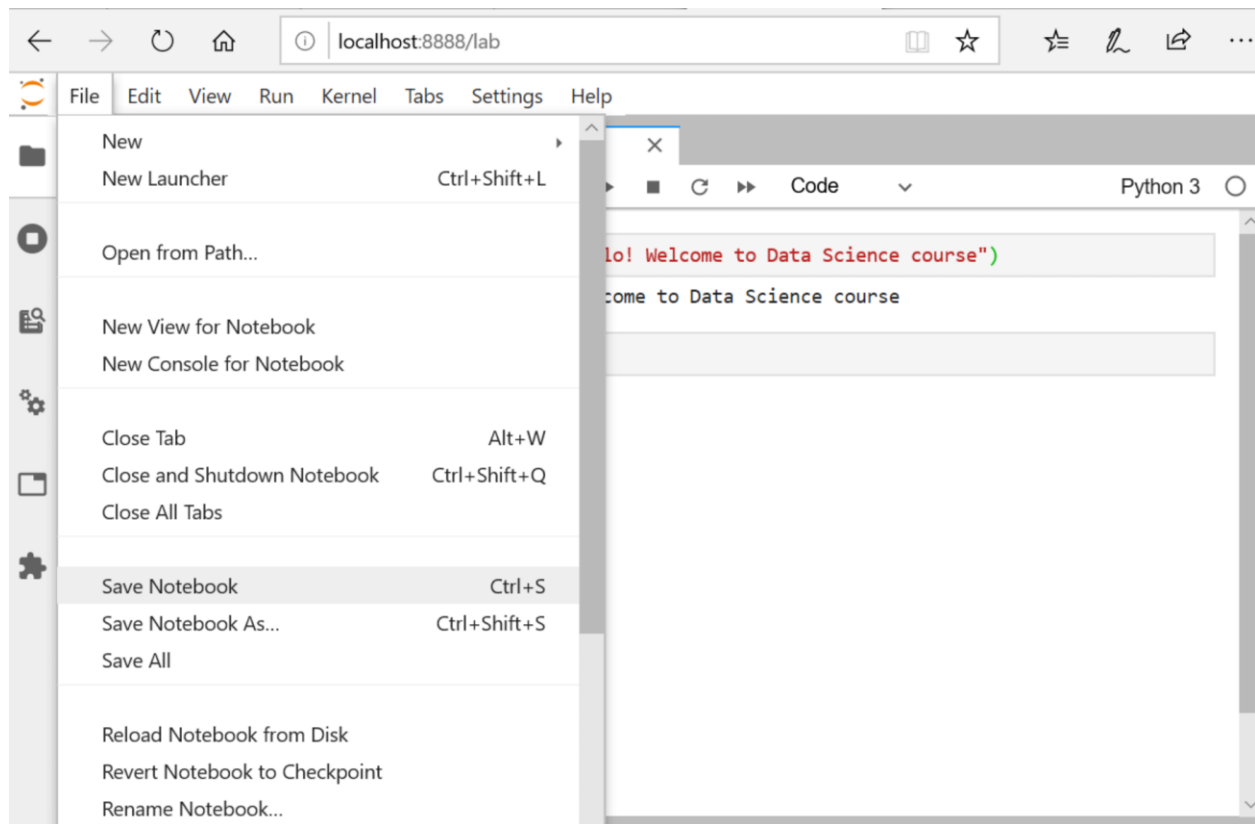
4. You will get below screen with empty shell



5. Start writing your first Python code in the empty shell as shown below and press **SHIFT+ENTER** keys to execute. Your code gets executed and the result displayed under the shell. Note that the Python notebook is created with the name “Untitled” with the extension of ipynb (ipython notebook) Eg. “Untitled.ipynb”.



6. Click File -> "Save Notebook" or press CTRL+S to save your first notebook.



7. Right click on "Untitled.ipynb" to rename the filename to "my_first_notebook.ipynb"