Anaconda Installation Guide

Anaconda is an open-source distribution that simplifies package management and deployment. The package management system 'Conda' manages package versions.

Anaconda can be downloaded from anaconda.org and can be installed like any other normal software. There is no need to download Python separately; the Anaconda installer will do this for you. Make sure you select the latest version while downloading Anaconda.

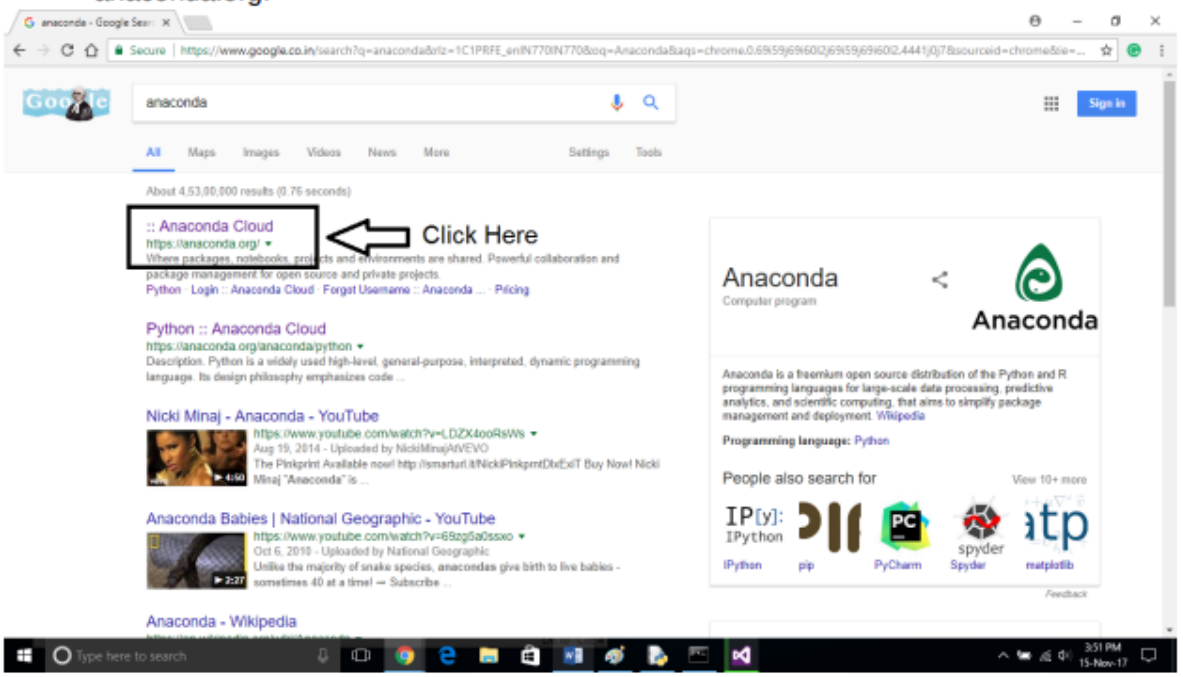
Jupyter Notebook

You'll use the Jupyter IPython Notebook as the main environment for writing Python code throughout this program. The key advantage of using Jupyter Notebook is that you can write both code and normal text (using the Markdown format in Jupyter) in the notebooks. These notebooks are easy to read and share, and can even be used to present your work to others

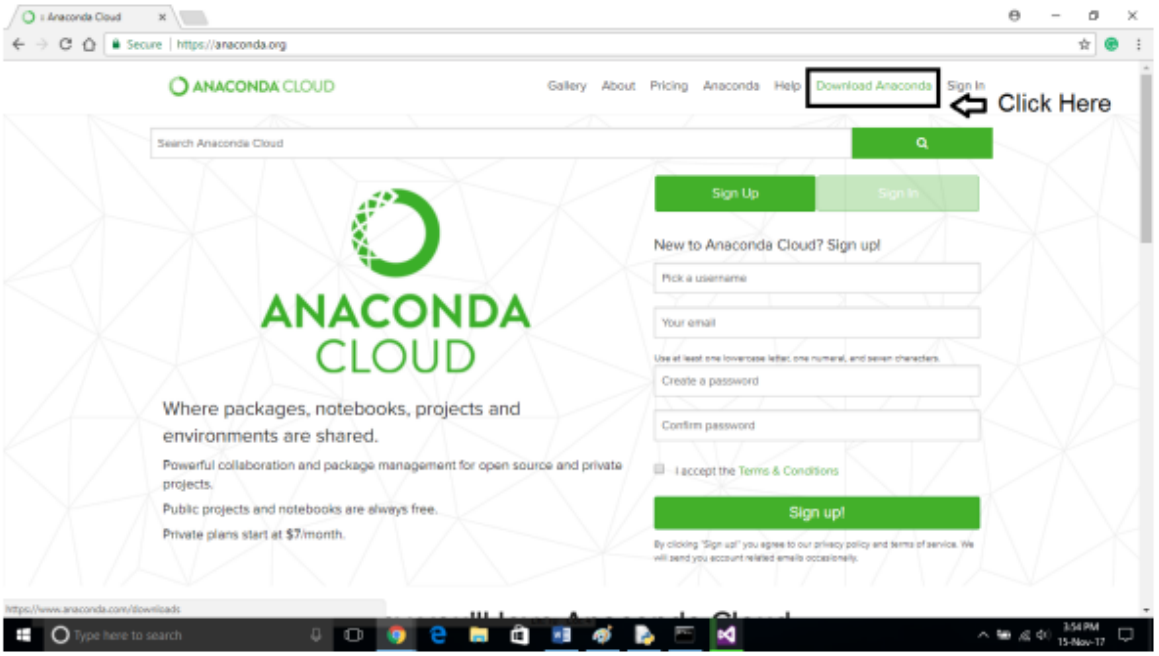
Jupyter notebook
https://jupyter-notebook-beginner-guide.readthedocs.io/en/latest/what_is_jupyter.html)
You will not be required to go through this for sql use case i,it is just for reference in case you want to understand more)

1.0 Installing Python with Anaconda(Recommended)

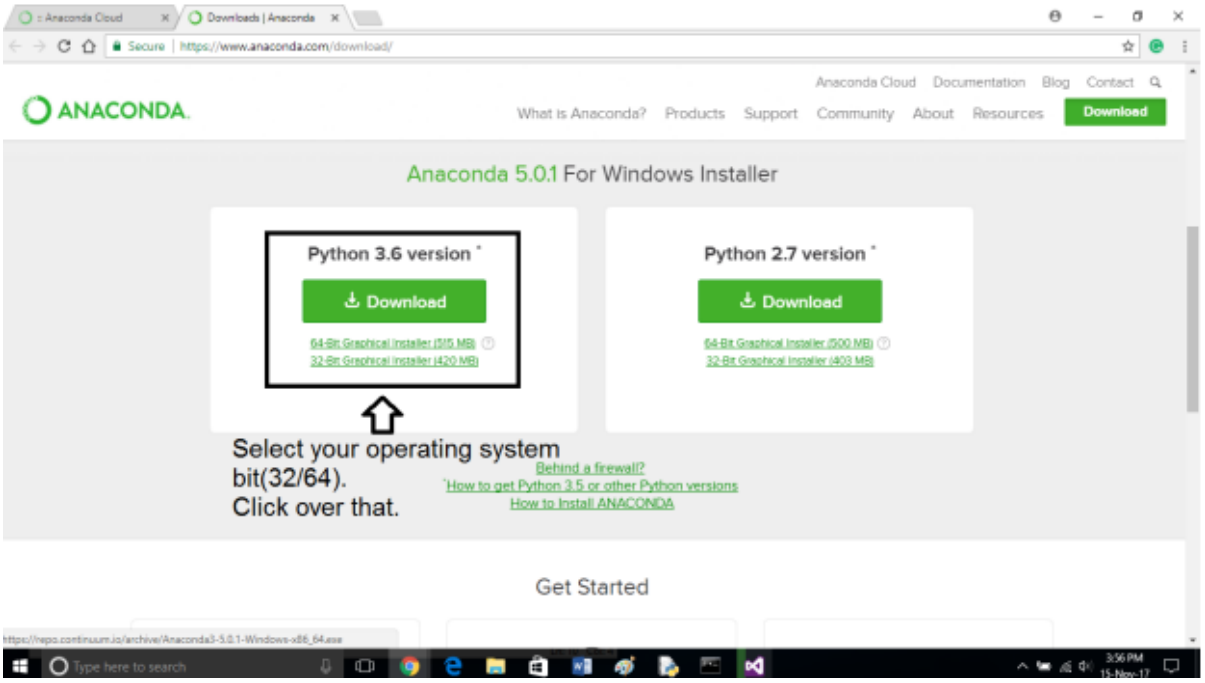
- Search Anaconda on your favorite search engine and open link with address anaconda.org.



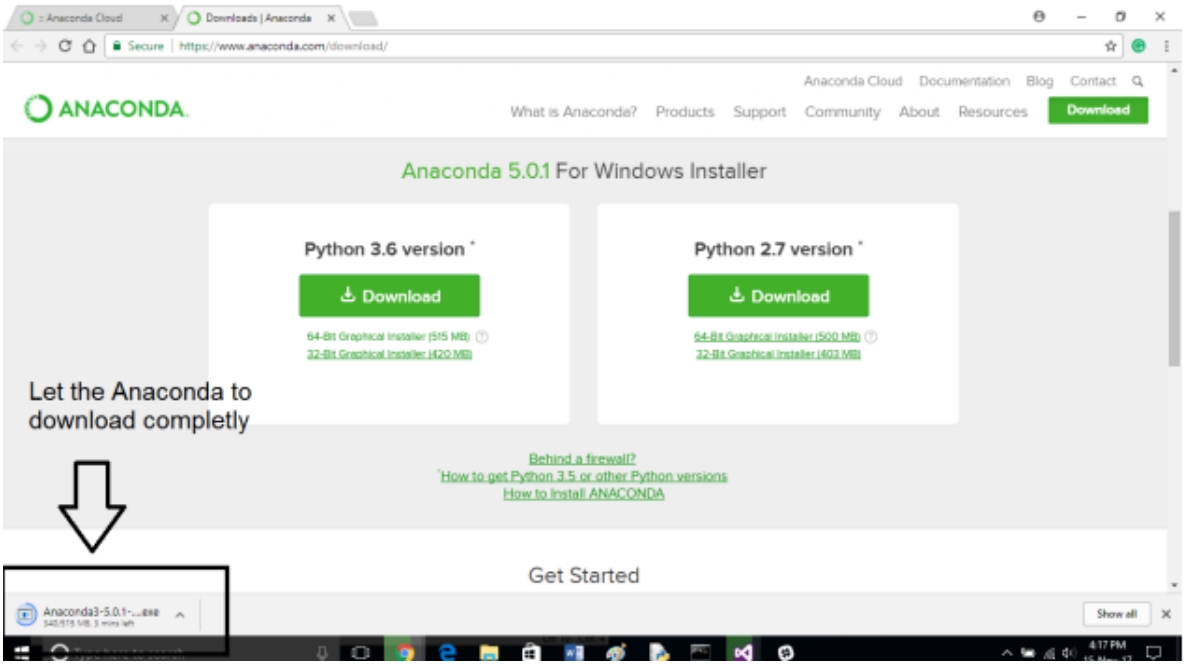
- Hover over Download Anaconda on the Anaconda homepage.



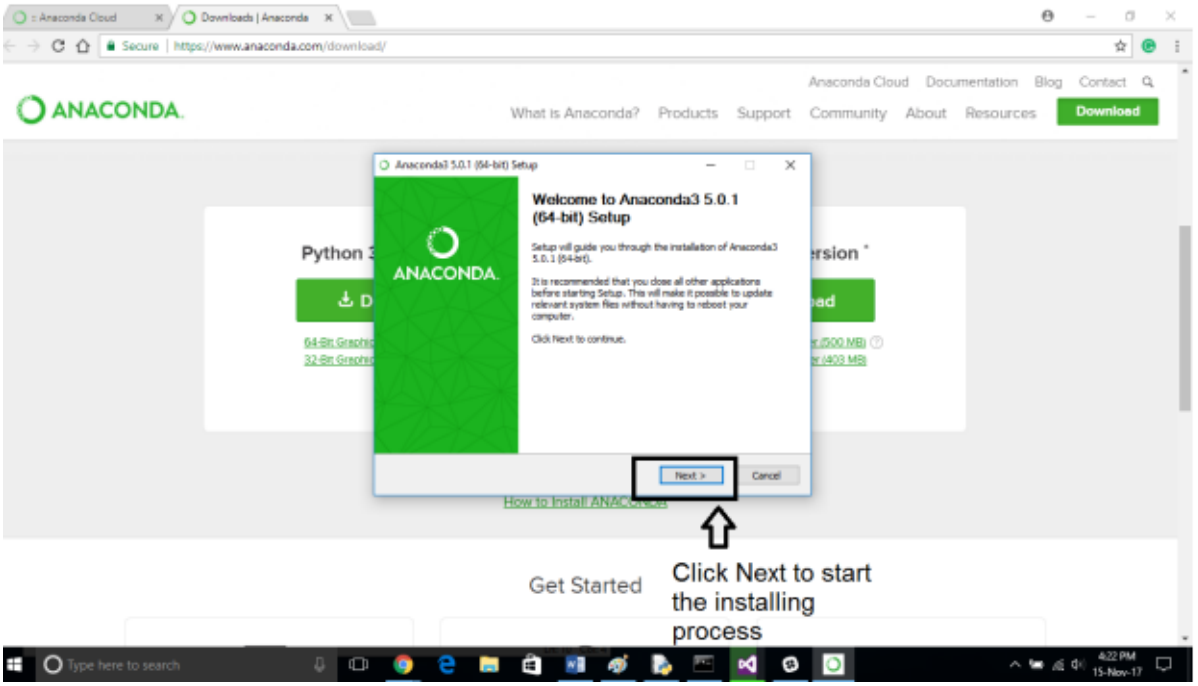
- Select your operating system configuration.



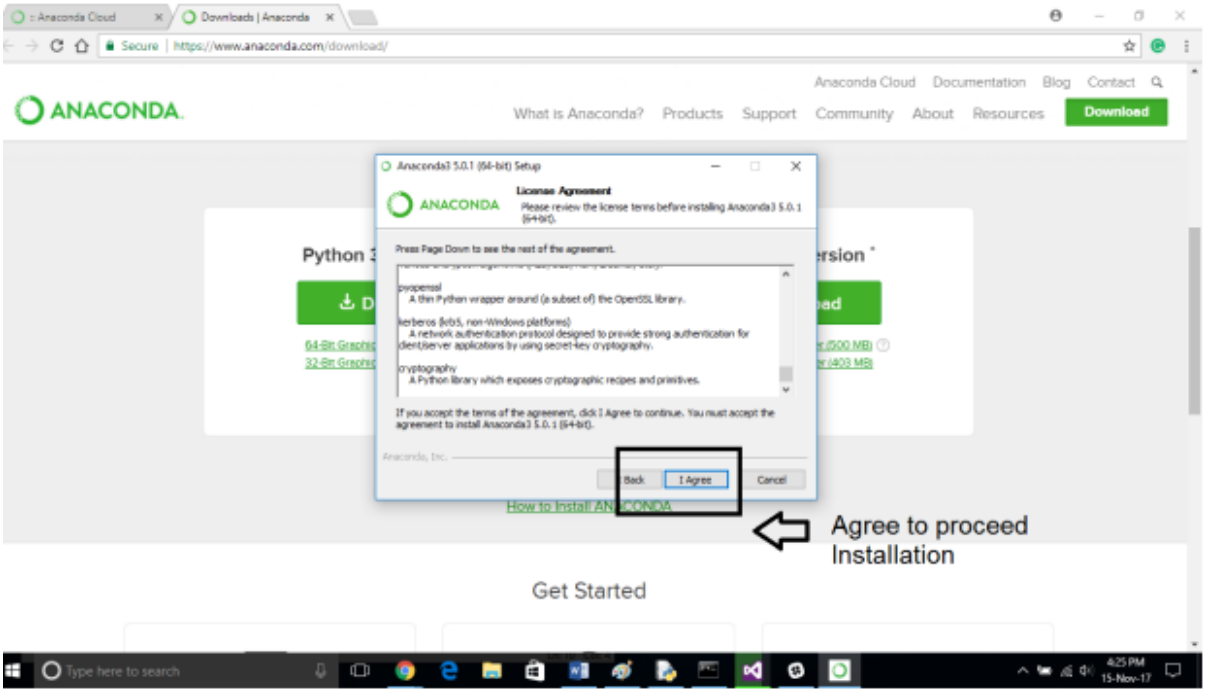
- Let the Anaconda finish downloading.



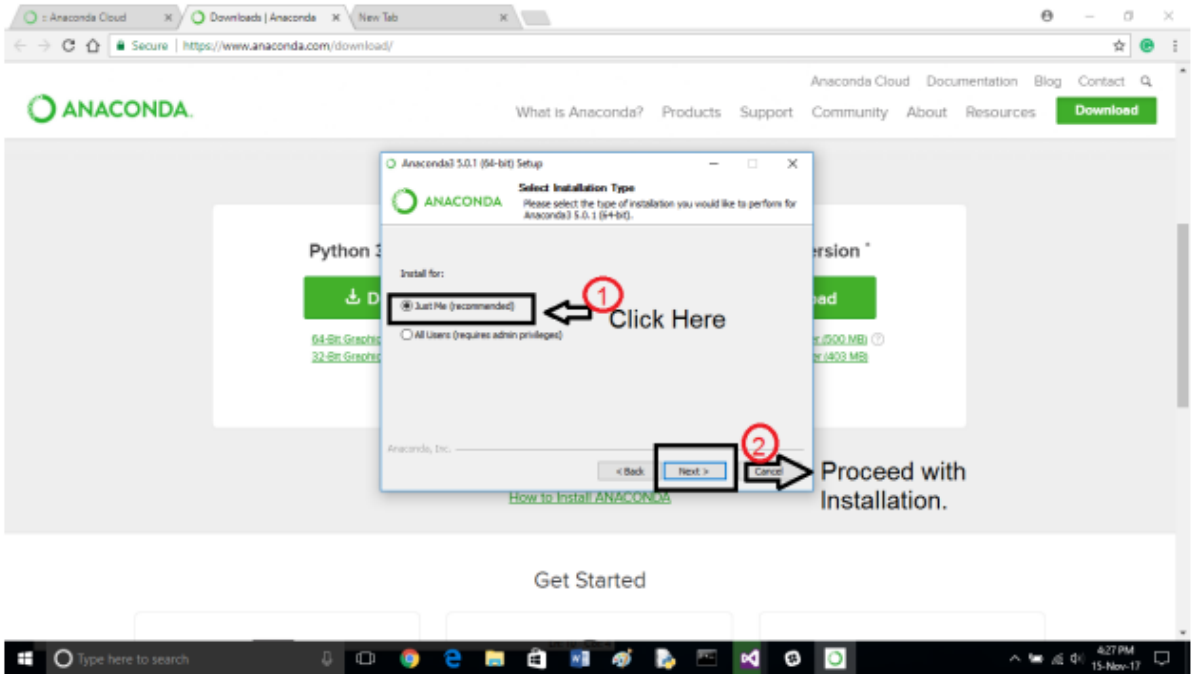
- Click Next to start the installing process.



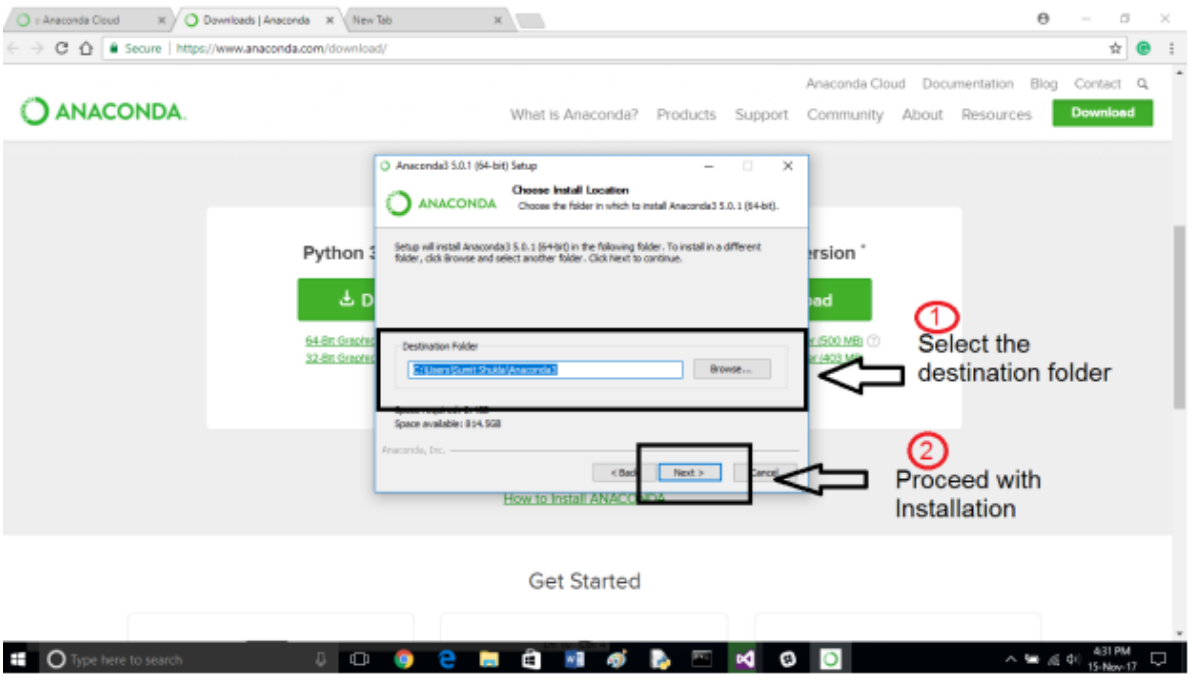
- Agree to the Terms and Conditions.



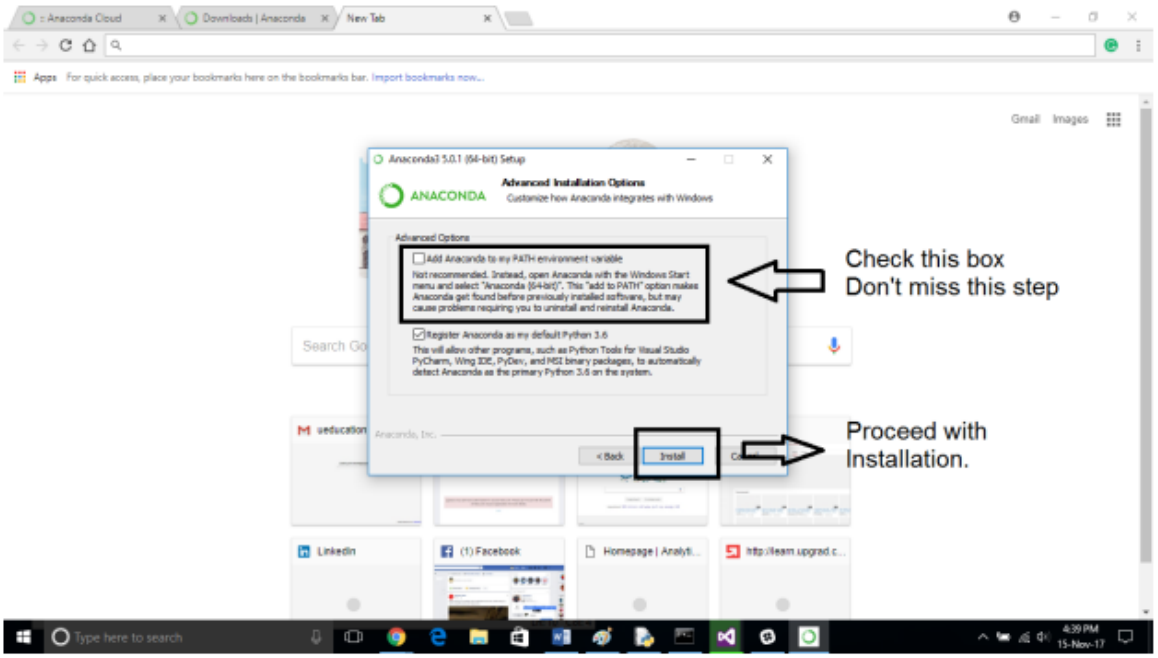
- Select “Just Me”.



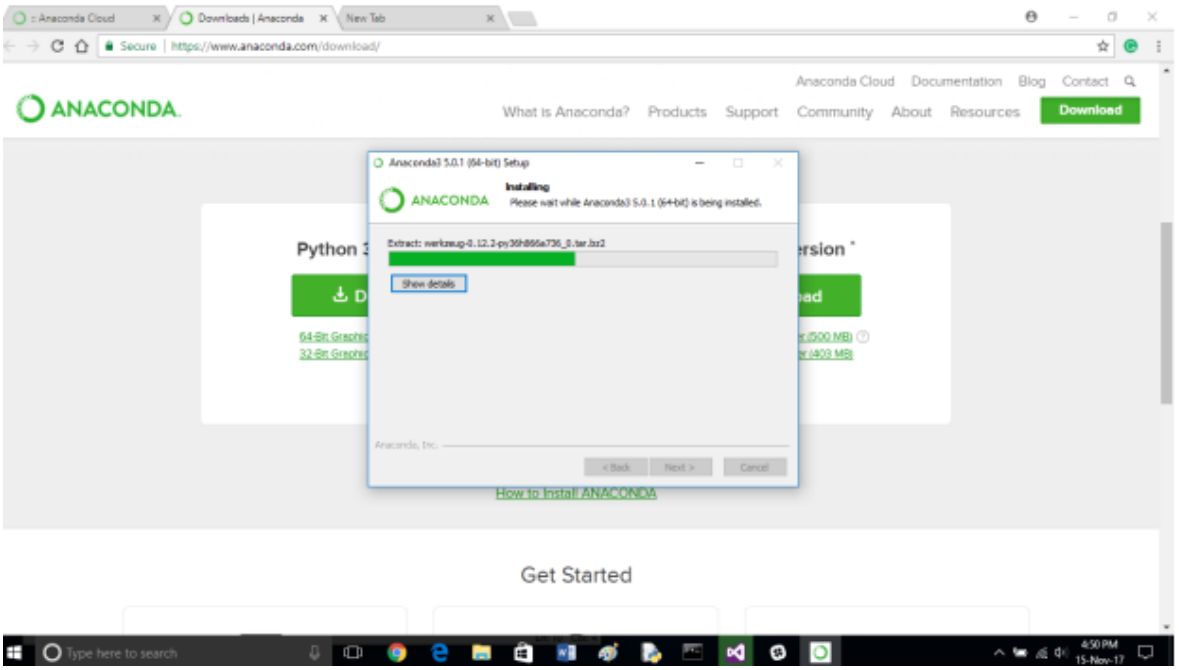
- Select the location where you want to download Anaconda.



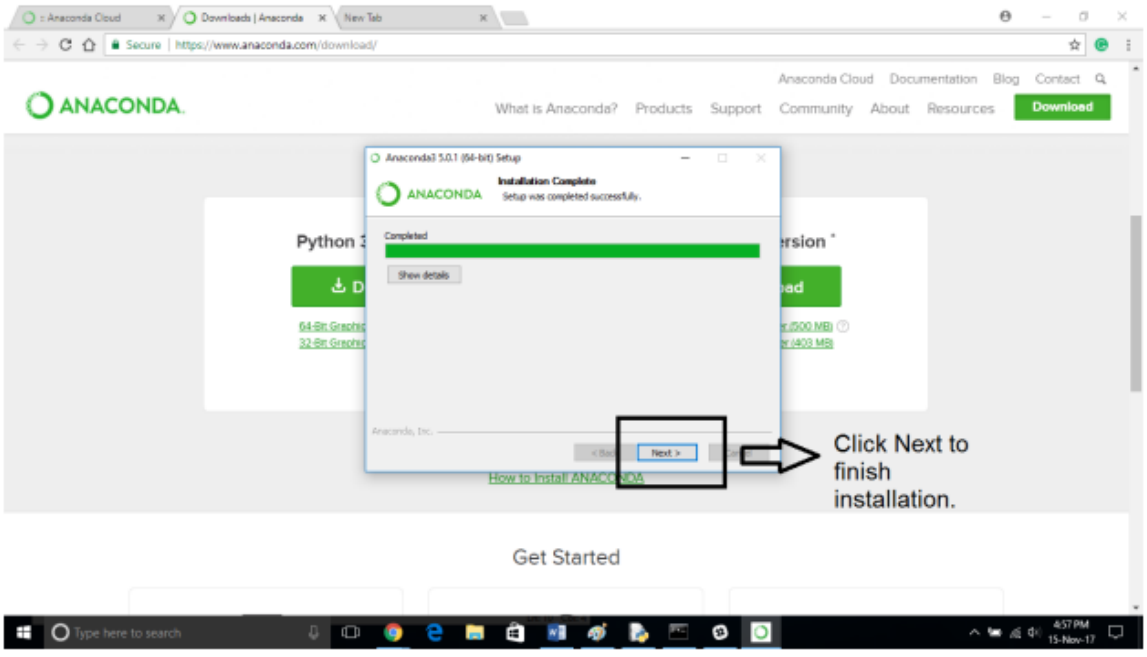
- Important step **"NEED ATTENTION"**
  1- Check the box that says "Add Anaconda to my Path Variables".
  2- Click Install.



- Let Anaconda finish downloading.

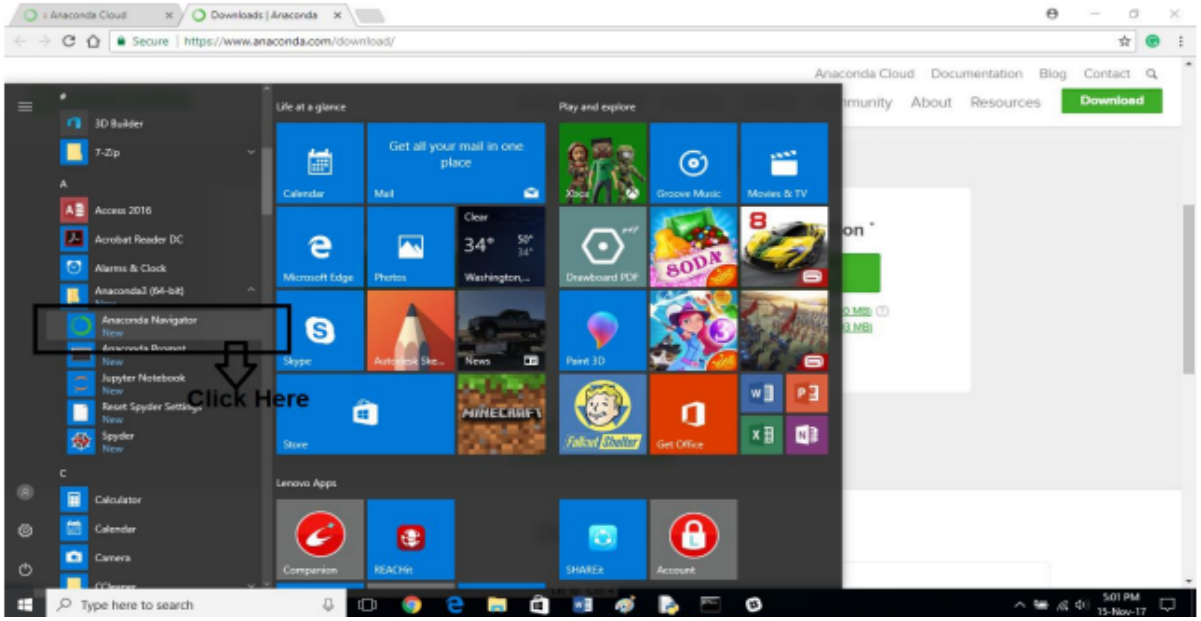


- Click Next to finish installation.

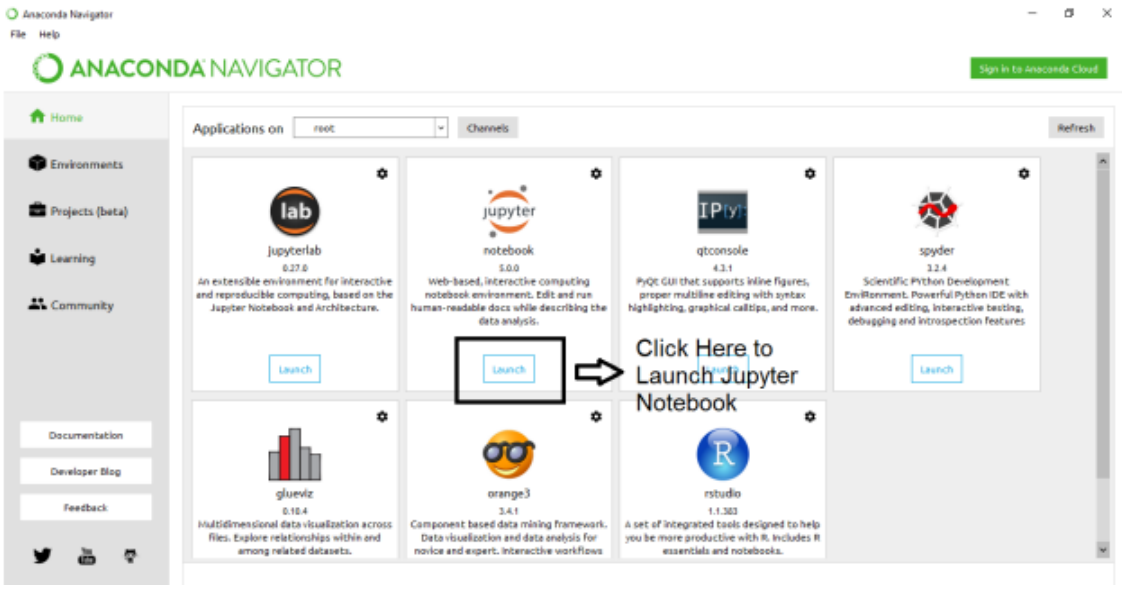


2.0 -Opening Jupyter Notebook using Anaconda

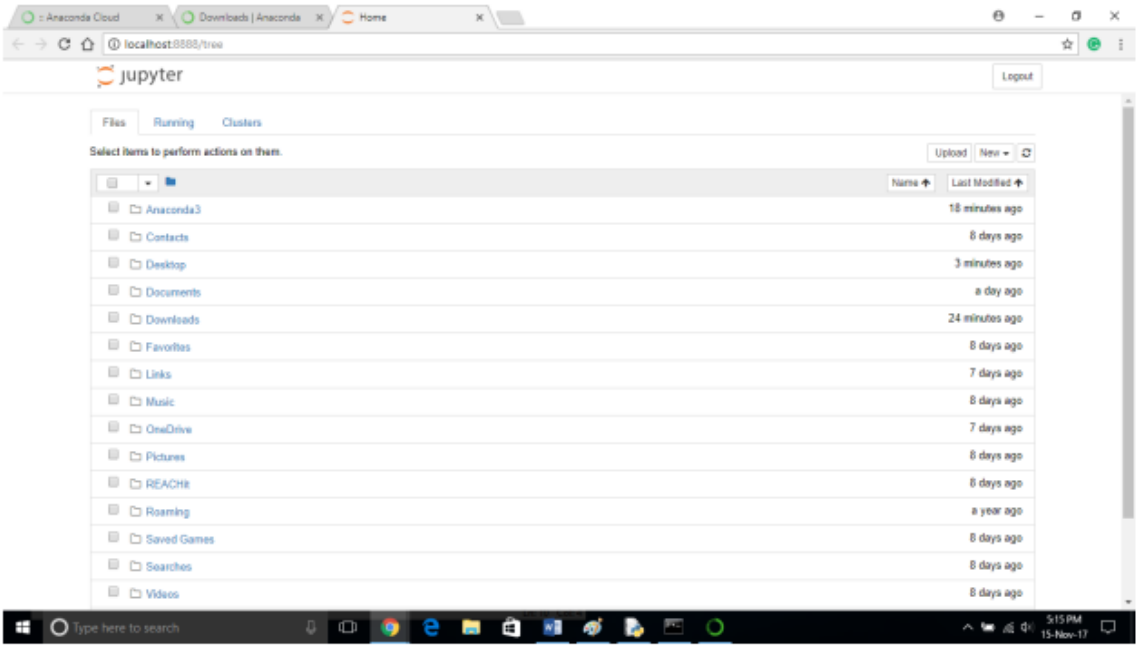
- To open Jupyter Notebook, Hover over to windows home and scroll down to alphabet “A”.
- You will find Anaconda folder, Click over it and select Anaconda Navigator.



- Click over launch Jupyter to open Jupyter Notebook.



- You will be redirected to your browser with Jupyter Notebook.

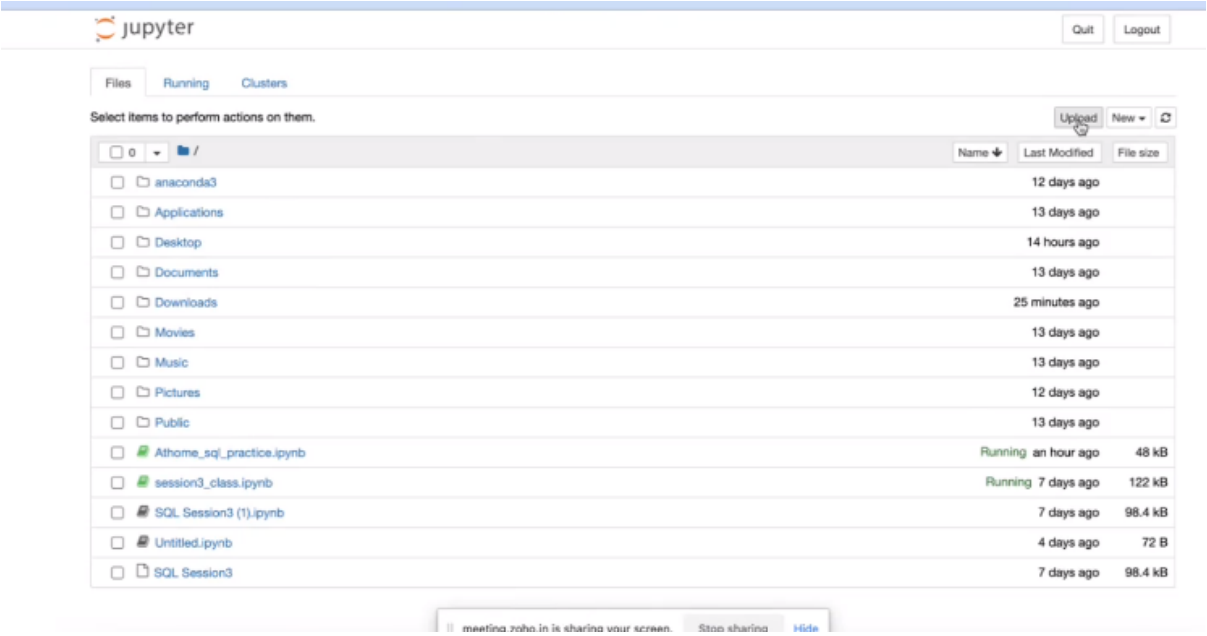


2.0- Uploading the excel file in Jupyter and running it (You will be getting two sheets -Files will be shared post session)

1- Excel Sheet - Customer_basesheet.xlsx
2- Ipynb File -

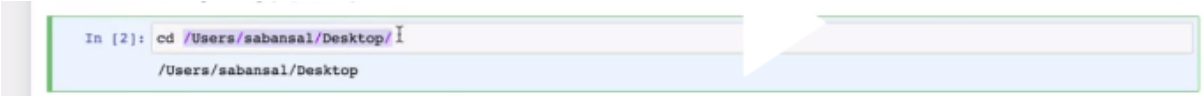
Step 1- Download the excel file shared with you and save it on your desktop . Do not change the name of the excel file

Step 2 - Open your Jupyter Notebook and upload your ipynb file



Step 3 - Double click on the file you have uploaded & Run the below code exactly the same without any change

Step 4- In the below code ,Change the desktop path to your own path after "cd/"



How to find your path?

For Windows - In Windows the Path format is `C:\Users\YOURUSERNAME\Desktop`

Open the Run dialog (Windows Key + R), then type in %USERPROFILE% and press Enter. This will open your User Profile directory (`C:\Users\YOURUSERNAME`)

For MAC-In the Mac OS, the path format is /DriveName/Users/UserName/`Desktop/`.

1-On your Mac, click the Finder icon in the Dock to open a Finder window.

2-Choose View > Show Path Bar, or press the Option key to show the path bar momentarily.

(The location and nested folders that contain your file or folder are displayed near the bottom of the Finder window.)

Step 5 - Run the below code as it is