

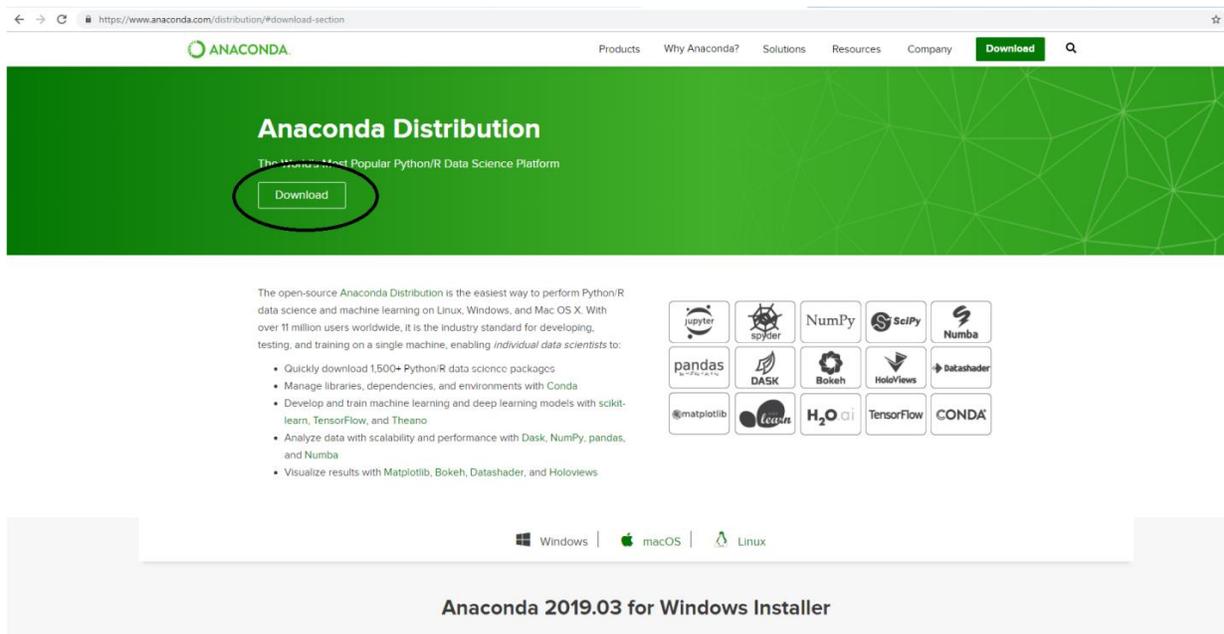
## Jupyter Notebook Installation Tutorial

In this tutorial, we will show how to install Jupyter Notebook on your system. **The Jupyter Notebook is free of cost.**

### Step 1: Install Anaconda

If you already have Anaconda Installed, you can skip to **Step no 8** directly. Else follow below steps

Open your browser and go to Anaconda website (<https://www.anaconda.com/distribution/>) to download and install Anaconda. You will see a page like this. Click on download.



The screenshot shows the Anaconda Distribution website. The URL in the browser is <https://www.anaconda.com/distribution/#download-section>. The page features a green header with the Anaconda logo and navigation links: Products, Why Anaconda?, Solutions, Resources, Company, and a prominent Download button. Below the header, the main content area has a green background with the text "Anaconda Distribution" and "The World's Most Popular Python/R Data Science Platform". A "Download" button is circled in red. Below this, there is a list of features and a grid of logos for various data science tools including Jupyter, Spyder, NumPy, SciPy, Numba, pandas, DASK, Bokeh, Holoviews, Dataslayer, matplotlib, Cuda, H2O.ai, TensorFlow, and CONDA. At the bottom, there are icons for Windows, macOS, and Linux, and a section titled "Anaconda 2019.03 for Windows Installer".

**Step 2:** You will see that following page appears. By default, Anaconda shows you the download link for Mac operating system. If you have Mac, then you can click “64-Bit Graphical Installer” under Python 3.7 version to start downloading the file. In this computer, Windows is the operating system, so we will select Windows as shown below. If you have Linux as operating system, then you can select Linux option and download file in similar manner as Mac. Mac and Linux users can skip **Step 3 & 4.**



macOS

Linux

## Anaconda 2019.03 for macOS Installer

### Python 3.7 version

Download

64-Bit Graphical Installer (637 MB)  
64-Bit Command Line Installer (542 MB)

### Python 2.7 version

Download

64-Bit Graphical Installer (624 MB)  
64-Bit Command Line Installer (530 MB)

After clicking on Windows button, the following page will appear.

Windows

macOS

Linux

## Anaconda 2019.03 for Windows Installer

### Python 3.7 version

Download

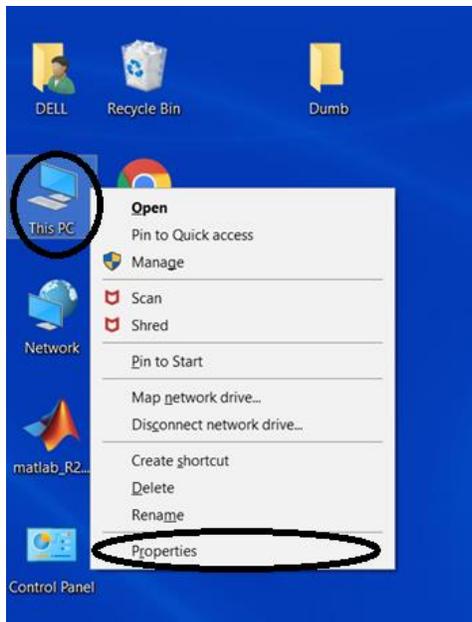
64-Bit Graphical Installer (662 MB)  
32-Bit Graphical Installer (546 MB)

### Python 2.7 version

Download

64-Bit Graphical Installer (587 MB)  
32-Bit Graphical Installer (493 MB)

**Step 3:** You can see that there are two options for Windows: 64-Bit and 32-Bit. You need to find out whether your system is 64-Bit or 32-Bit and accordingly you need to select the file for your system. To do so, go to your desktop home screen, right click on 'Computer' icon, then select Properties.



This will show you basic information about your system. Look for “System Type” as shown below and check whether it is 64-bit or 32-bit. For this computer, we see that Windows system type is 64 -bit.

### View basic information about your computer

#### Windows edition

Windows 10 Home Single Language

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#### System

Processor: Intel(R) Core(TM) i5-7200U CPU @ 2.50GHz 2.70 GHz

Installed memory (RAM): 8.00 GB

System type: 64-bit Operating System, x64-based processor

Pen and Touch: No Pen or Touch Input is available for this Display

**Step 4:** Now, go back to your browser and then click “64-Bit Graphical Installer (662 MB)” as this computer is 64 bit (as identified in Step 3)

## Anaconda 2019.03 for Windows Installer

### Python 3.7 version

Download

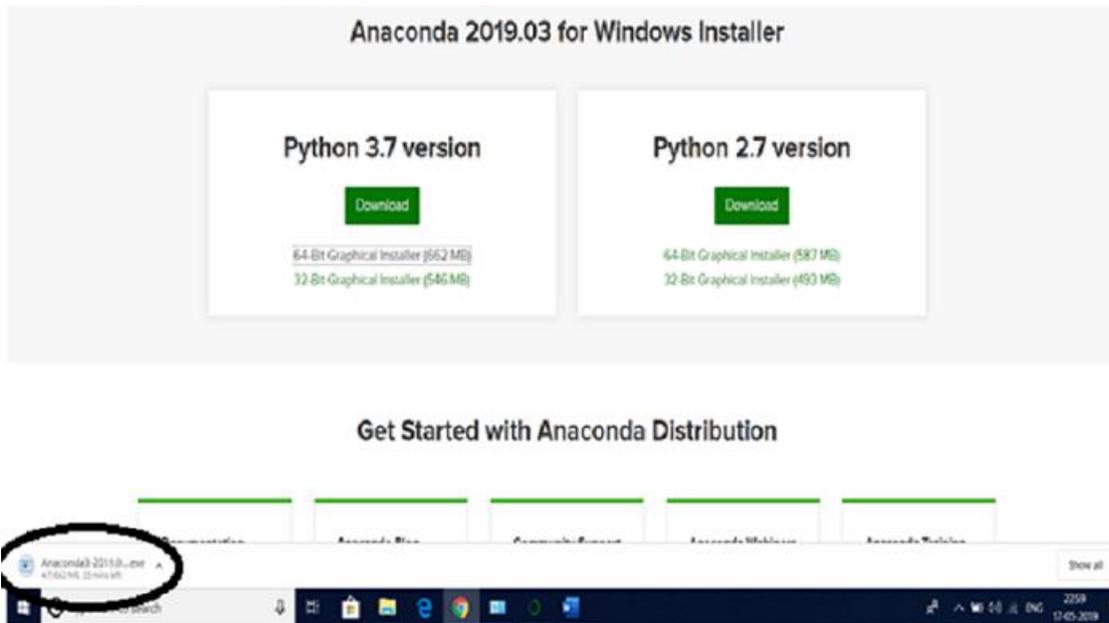
64-Bit Graphical Installer (662 MB)  
32-Bit Graphical Installer (546 MB)

### Python 2.7 version

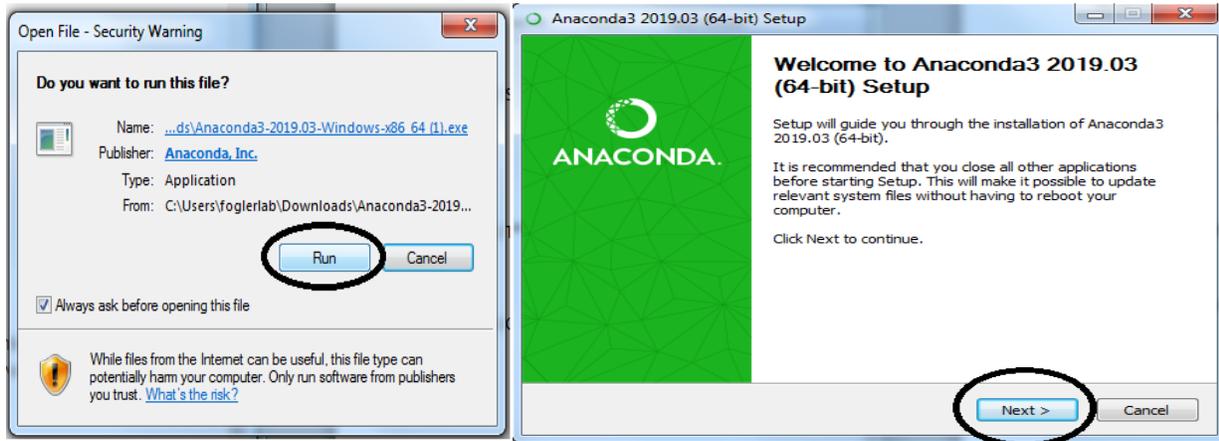
Download

64-Bit Graphical Installer (587 MB)  
32-Bit Graphical Installer (493 MB)

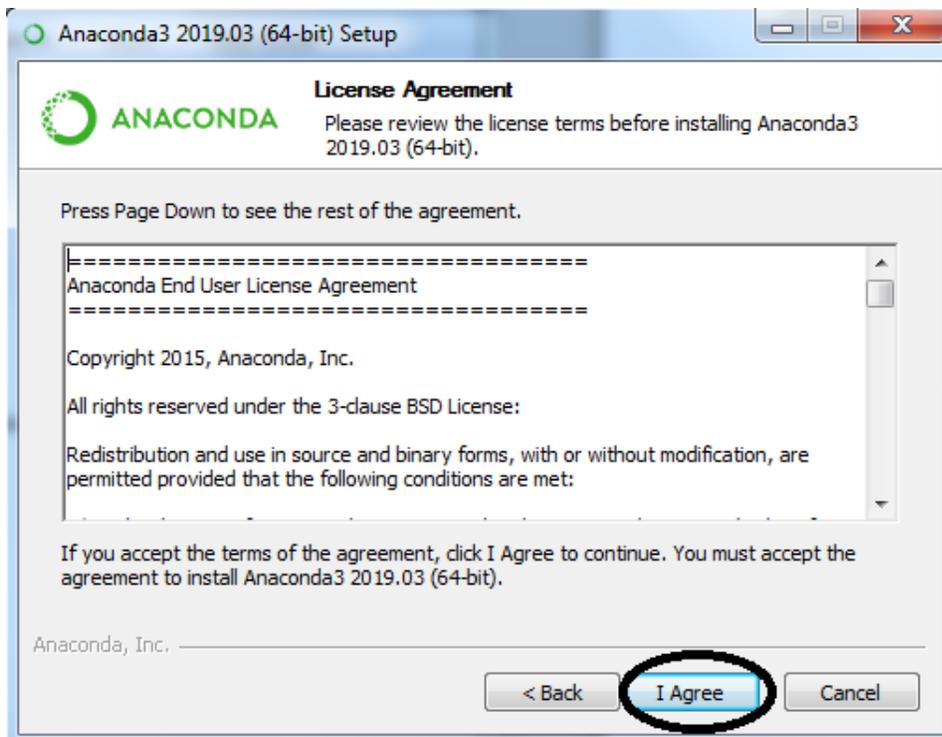
The installer will start downloading the file (this may take a while) and will appear in bottom left of your browser (if you are using google chrome) as shown below.



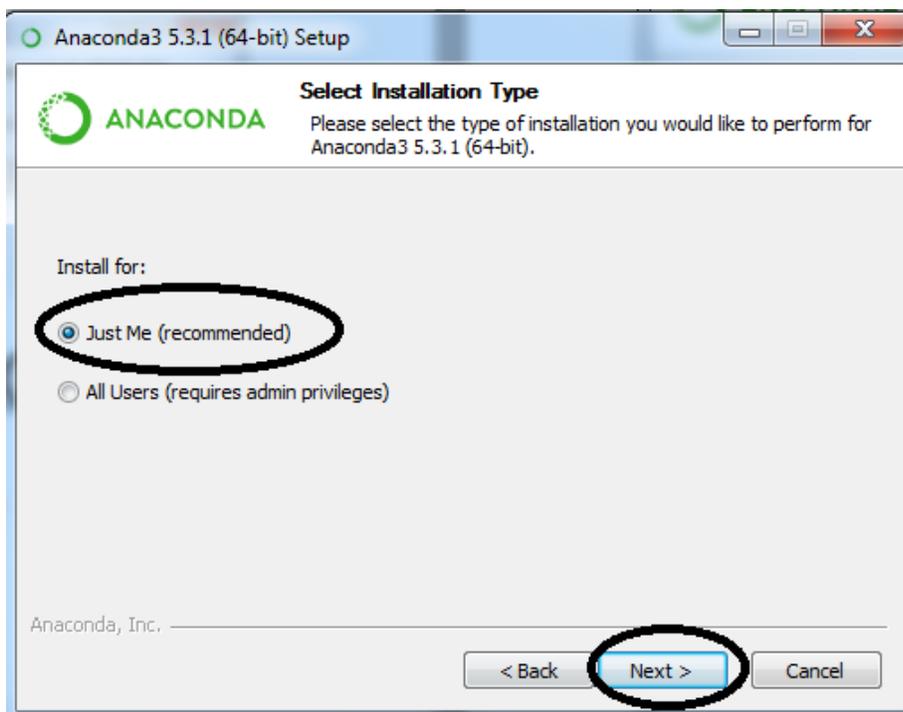
**Step 5:** When the file is completely downloaded, click on the file. You will see that following window appears. Click on 'Run', and then click 'Next' button.



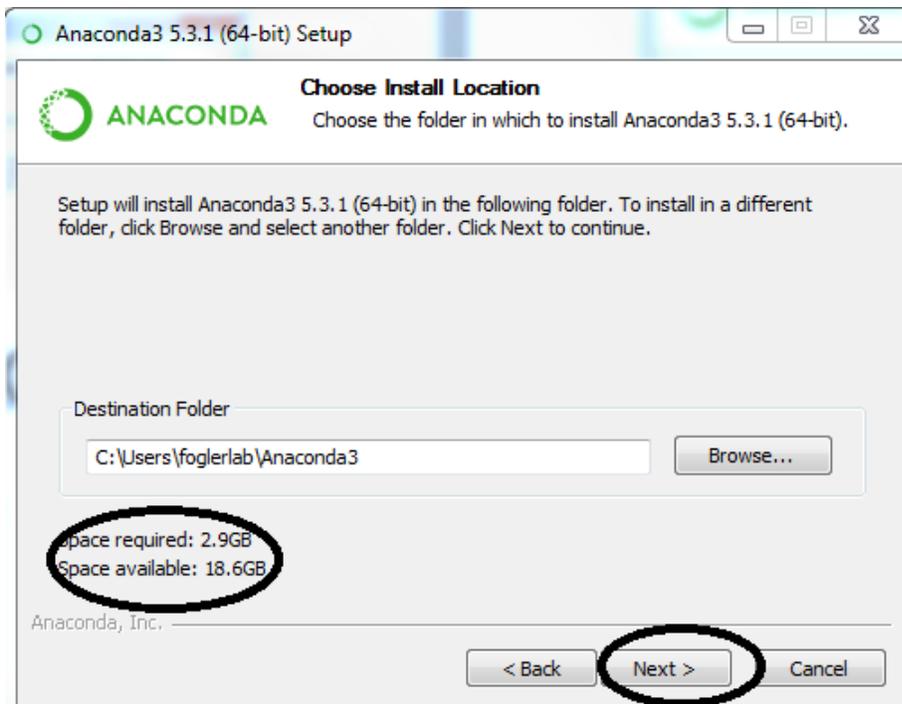
A new window will appear asking you to accept the terms of agreement, select "I Agree".



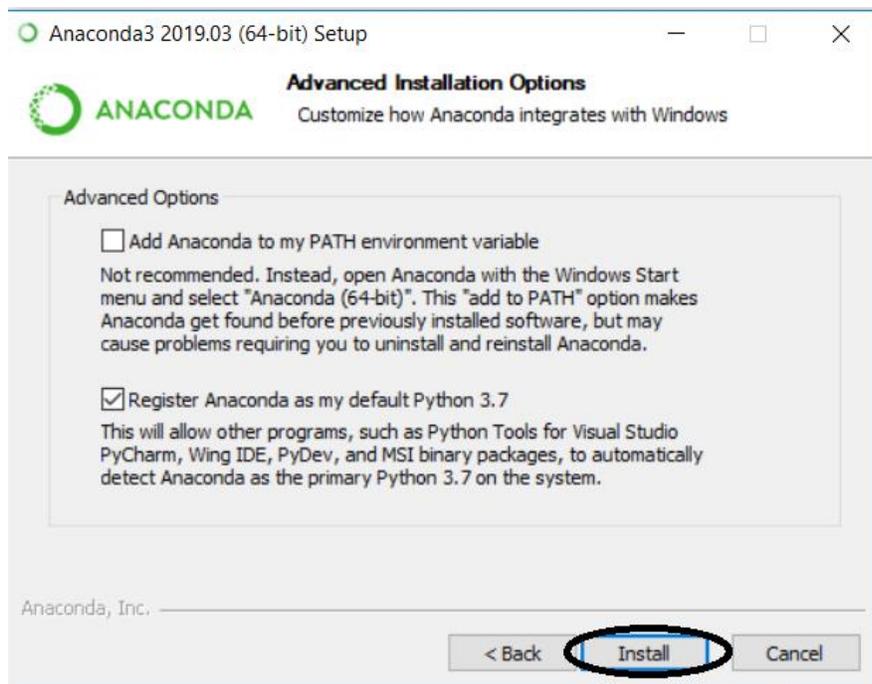
Select 'Just Me' which is recommended and then click Next.



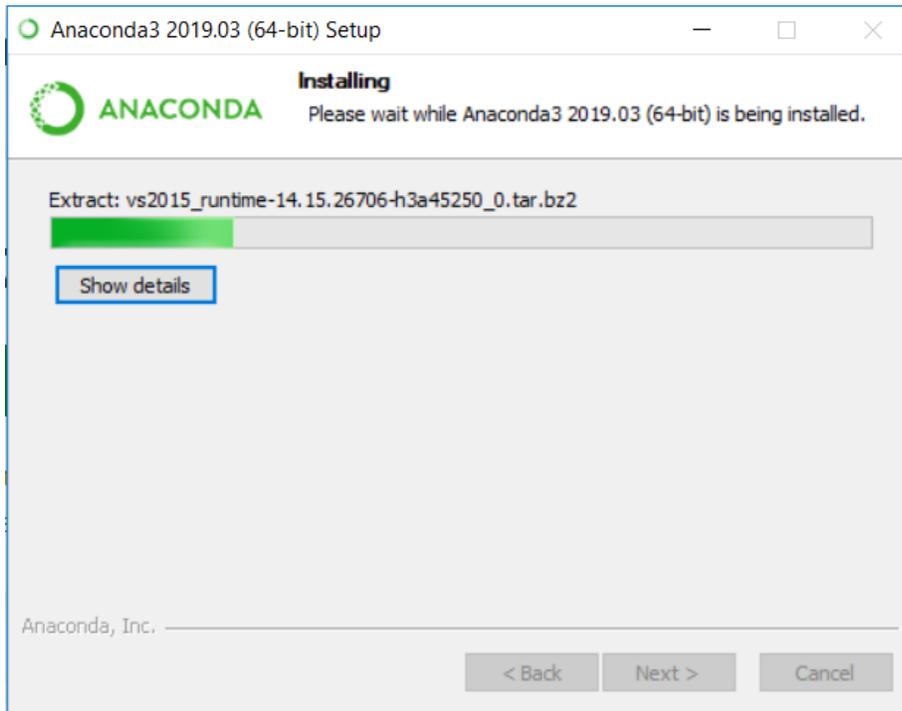
**Step 6:** Make sure you have the required free space for software installation. which you can check as shown below. Then click Next. (If you don't have required space, then you need to delete some of your items to free the space)



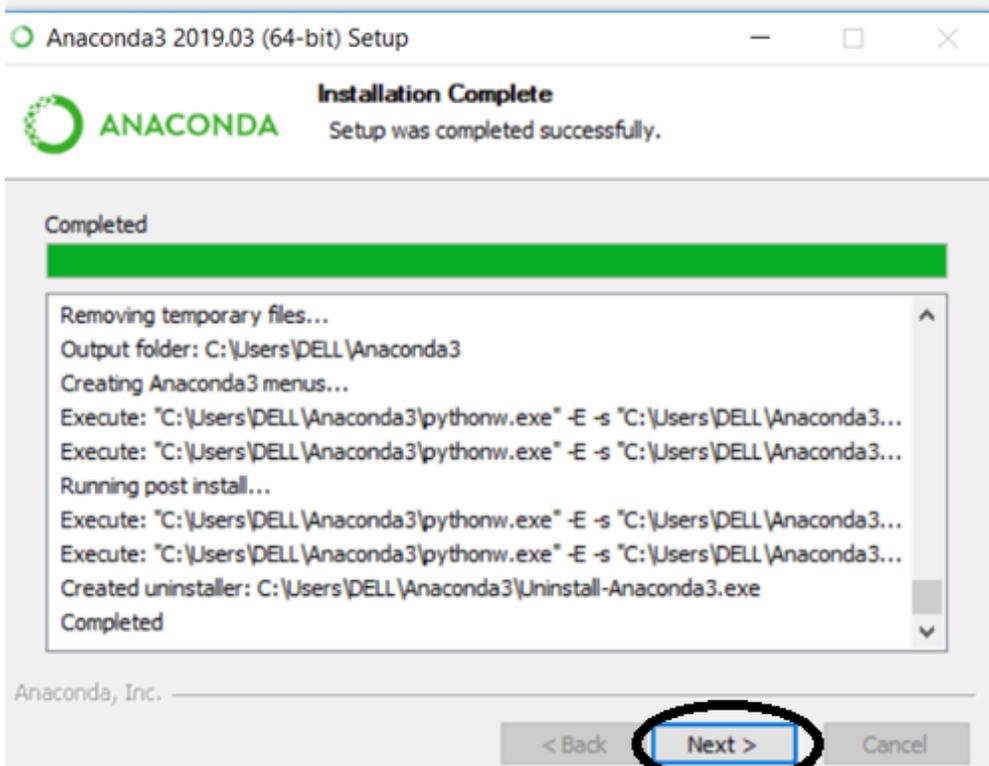
**Step 7:** You will see that following window appears. Click on Install.



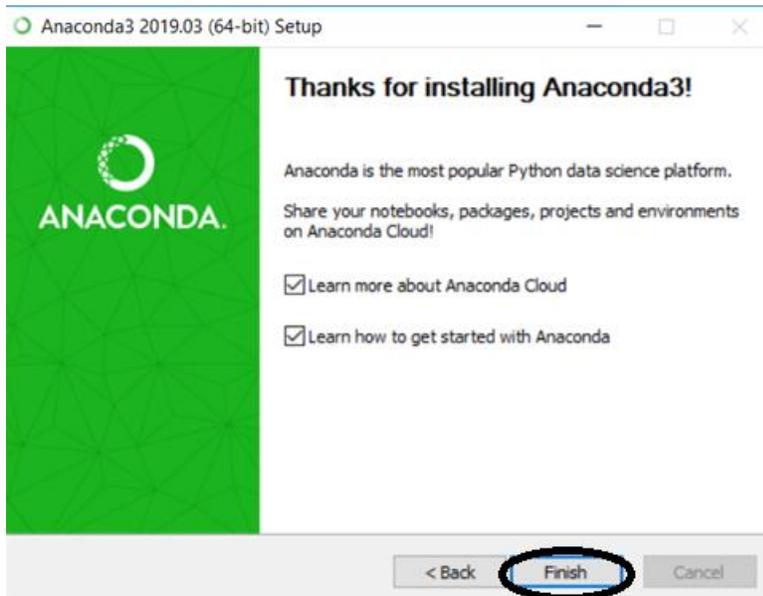
This will lead you to installation page showing the progress of installation. It will take some time for the software to get installed.



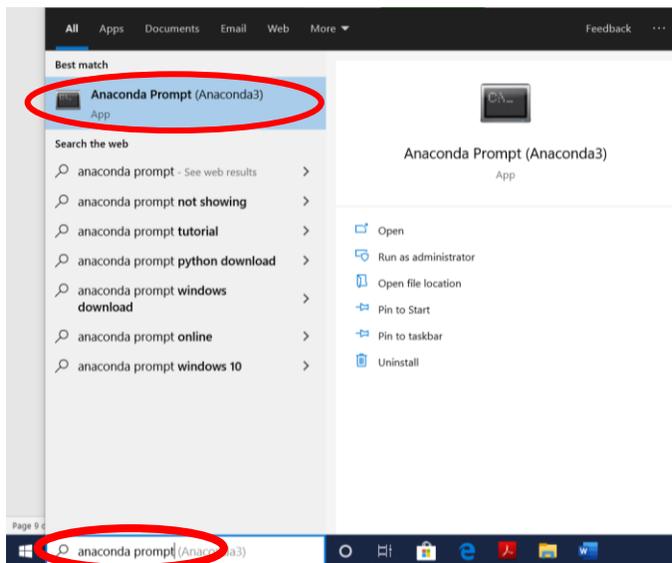
After all the files are extracted, the “Next” button will get enabled. Click on Next button



Then following window will appear. Click on Finish button to complete the installation. Now Anaconda has been installed on your computer.



**Step 8:** Type 'anaconda prompt' in search box and click on the icon indicated below.

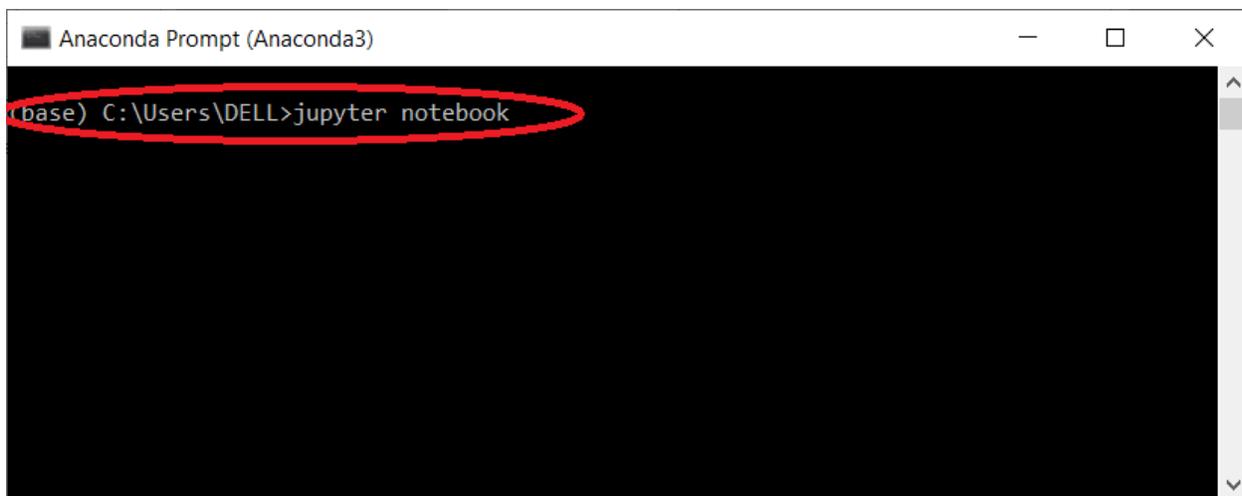


You will see that a command window opens. Just wait for few seconds until you see a file location (something like shown below)



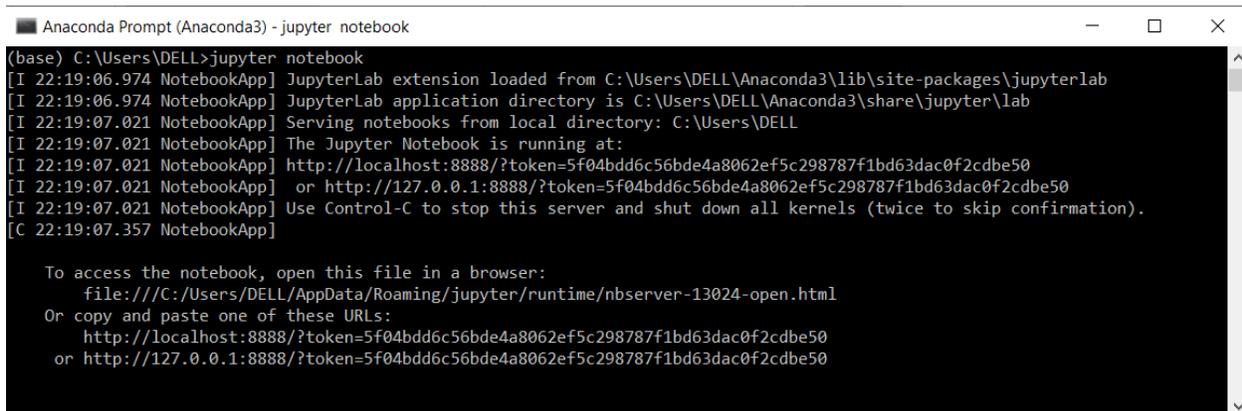
```
Anaconda Prompt (Anaconda3)
(base) C:\Users\DELL>
```

**Step 9:** Type “jupyter notebook” in the command prompt and then Press Enter



```
Anaconda Prompt (Anaconda3)
(base) C:\Users\DELL>jupyter notebook
```

In few seconds, you will see that your command is executed as shown below.

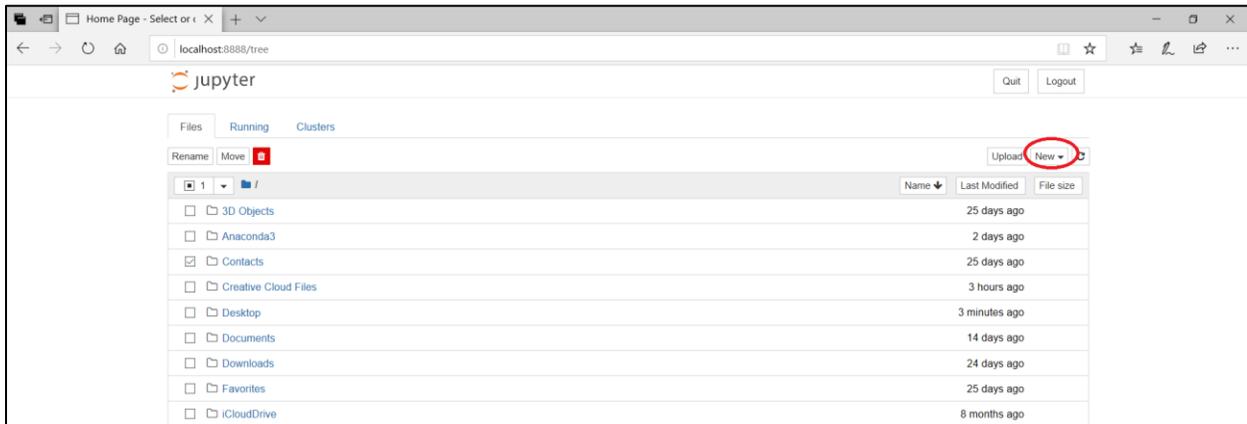


```
Anaconda Prompt (Anaconda3) - jupyter notebook
(base) C:\Users\DELL>jupyter notebook
[I 22:19:06.974 NotebookApp] JupyterLab extension loaded from C:\Users\DELL\Anaconda3\lib\site-packages\jupyterlab
[I 22:19:06.974 NotebookApp] JupyterLab application directory is C:\Users\DELL\Anaconda3\share\jupyter\lab
[I 22:19:07.021 NotebookApp] Serving notebooks from local directory: C:\Users\DELL
[I 22:19:07.021 NotebookApp] The Jupyter Notebook is running at:
[I 22:19:07.021 NotebookApp] http://localhost:8888/?token=5f04bdd6c56bde4a8062ef5c298787f1bd63dac0f2cdbe50
[I 22:19:07.021 NotebookApp] or http://127.0.0.1:8888/?token=5f04bdd6c56bde4a8062ef5c298787f1bd63dac0f2cdbe50
[I 22:19:07.021 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 22:19:07.357 NotebookApp]

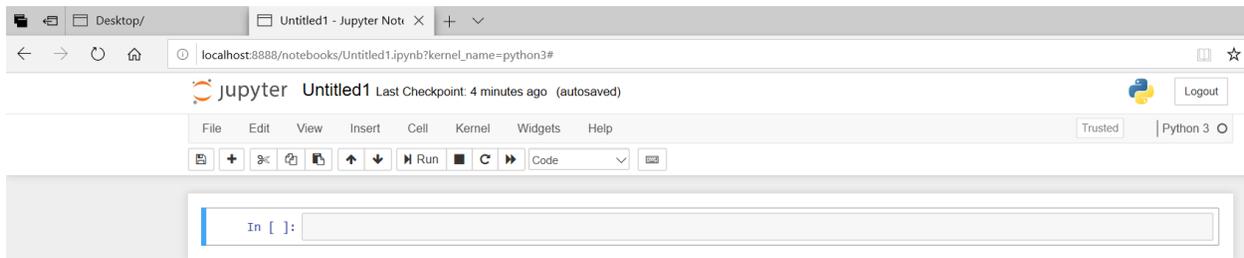
To access the notebook, open this file in a browser:
file:///C:/Users/DELL/AppData/Roaming/jupyter/runtime/nbserver-13024-open.html
Or copy and paste one of these URLs:
http://localhost:8888/?token=5f04bdd6c56bde4a8062ef5c298787f1bd63dac0f2cdbe50
or http://127.0.0.1:8888/?token=5f04bdd6c56bde4a8062ef5c298787f1bd63dac0f2cdbe50
```

At the same time, you will also see that your browser opens showing Jupyter Notebook Interface.

Click on “New” located at upper right corner if you wish to open Jupyter Notebook.



This will open Jupyter Notebook in an another tab as shown below



**Step 10:** Now you can start creating your own code or open an LEP