

Anaconda Installation Guide



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Objectives

This unit is an installation guide for Anaconda Python Installer in Windows and Mac.

Steps for installing Anaconda in Windows

Step 1

Download the Anaconda installer from the website link below according to your system compatibility.

<https://www.anaconda.com/distribution/>

Step 2

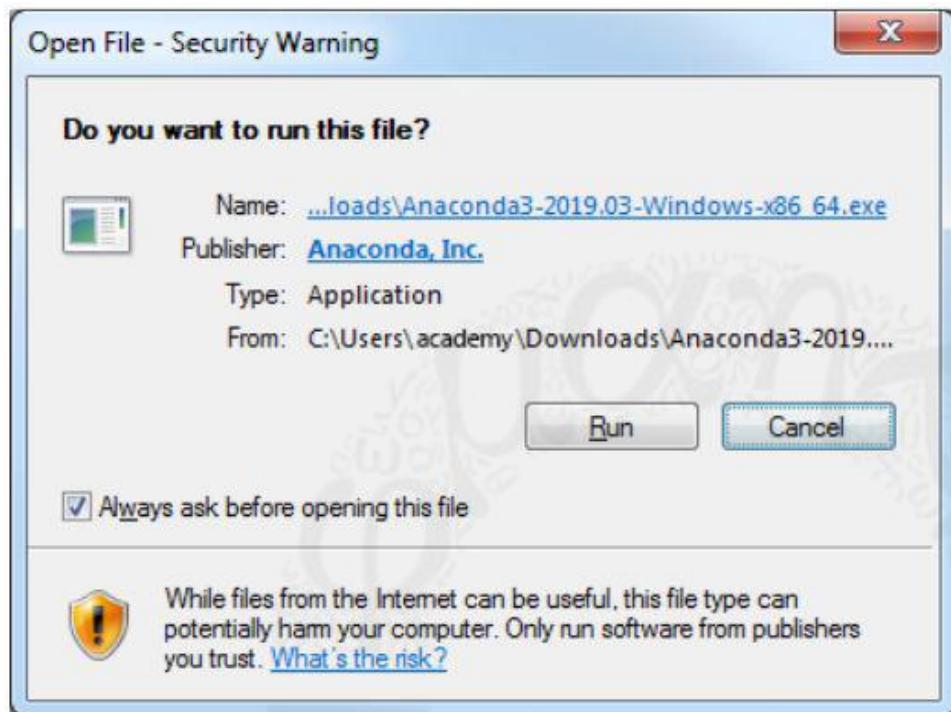
The downloaded installer should look like this.

A screenshot of a web page titled "Anaconda 2019.03 for Windows Installer". At the top, there are three download links: "Windows" (with a Windows icon), "macOS" (with a macOS icon), and "Linux" (with a Linux icon). Below the title, there are two main sections: "Python 3.7 version" and "Python 2.7 version". Each section has a "Download" button and two links for 64-bit and 32-bit graphical installers.

Version	Architecture	File Type	Size
Python 3.7 version	64-Bit	Graphical Installer	662 MB
		Graphical Installer	546 MB
Python 2.7 version	64-Bit	Graphical Installer	587 MB
		Graphical Installer	493 MB

Step 3

Save the file & then click on “Run”.



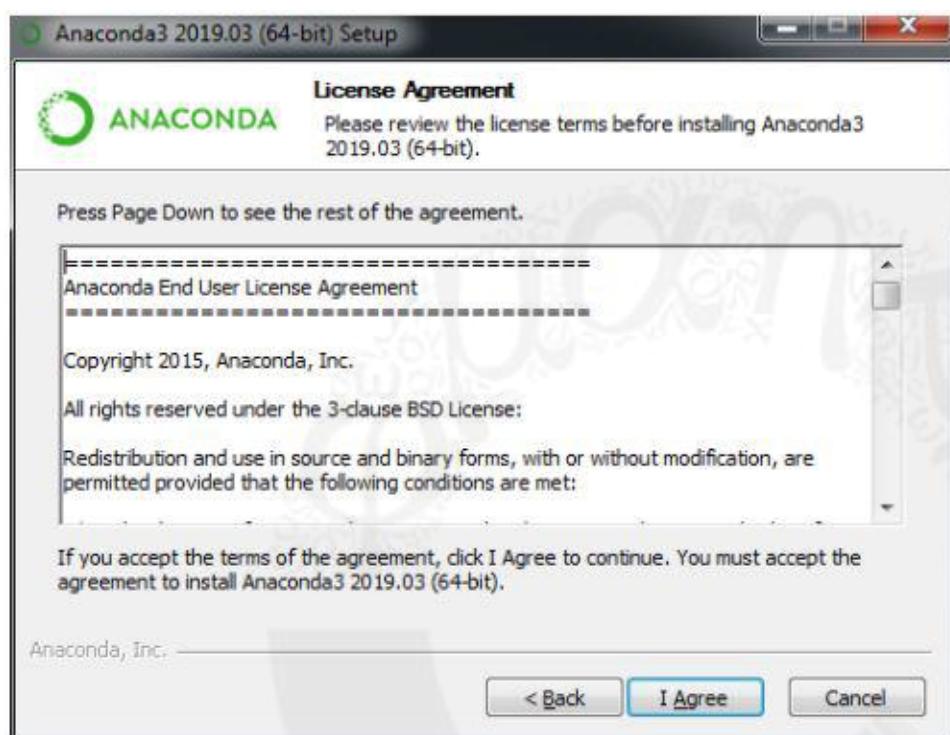
Step 4

You would be prompted to the following window. Click on “Next”.



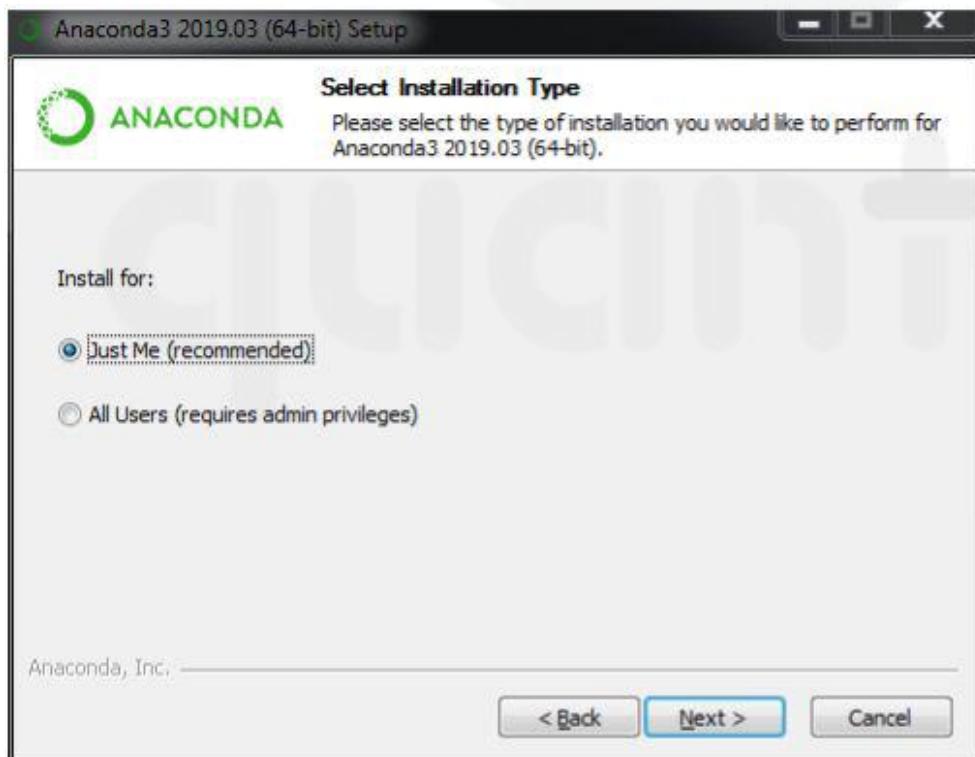
Step 5

You need to click on “I Agree”.



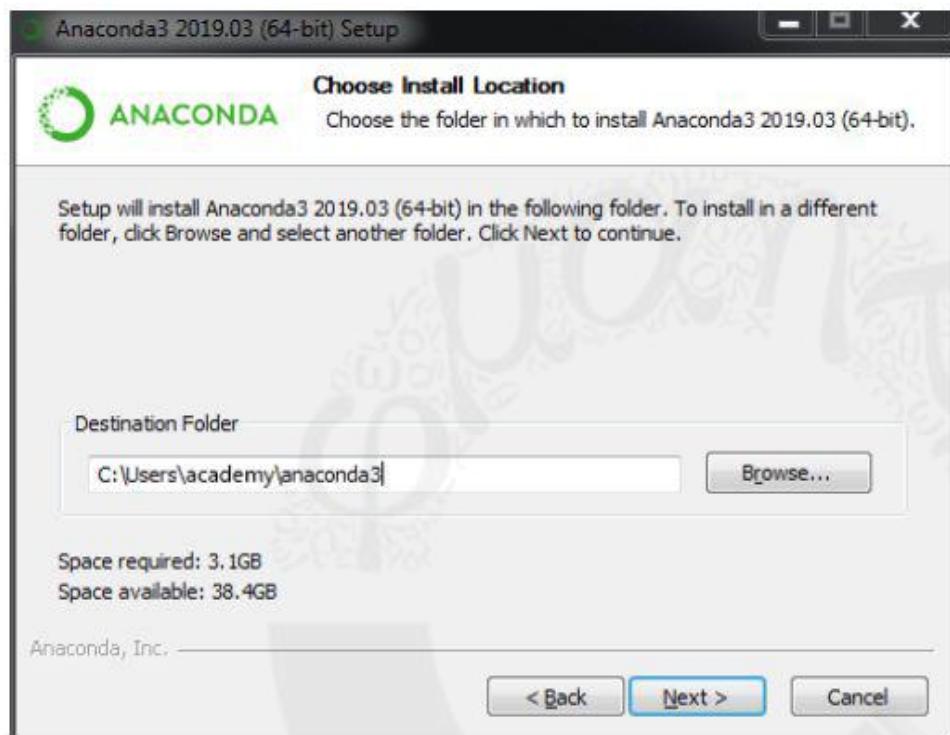
Step 6

Click on “Just Me” as shown below.



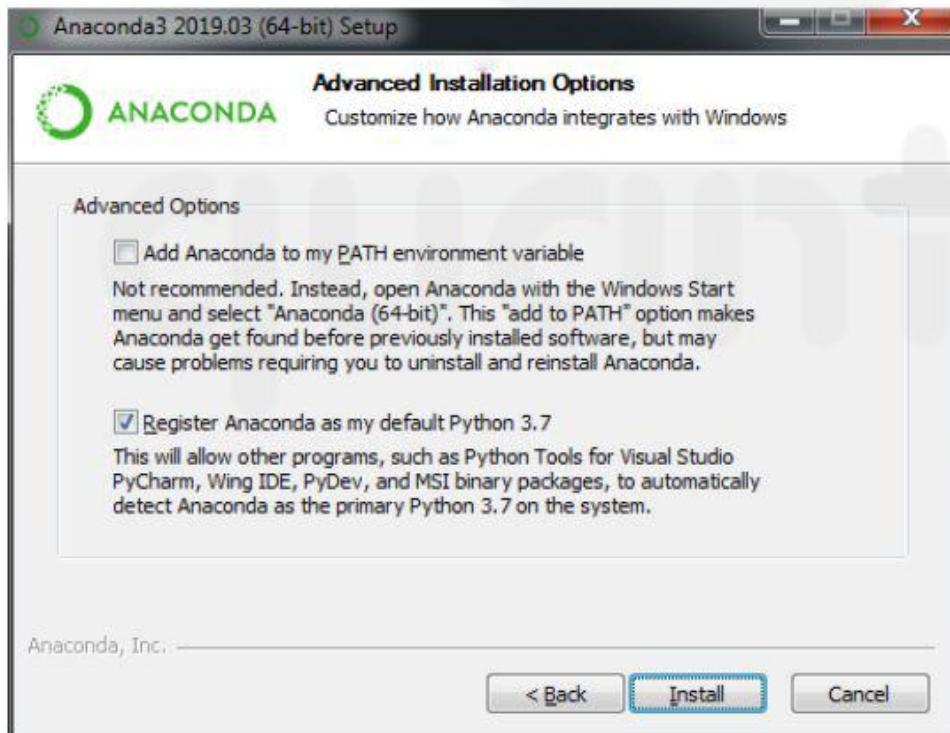
Step 7

Click on the “Next” button.



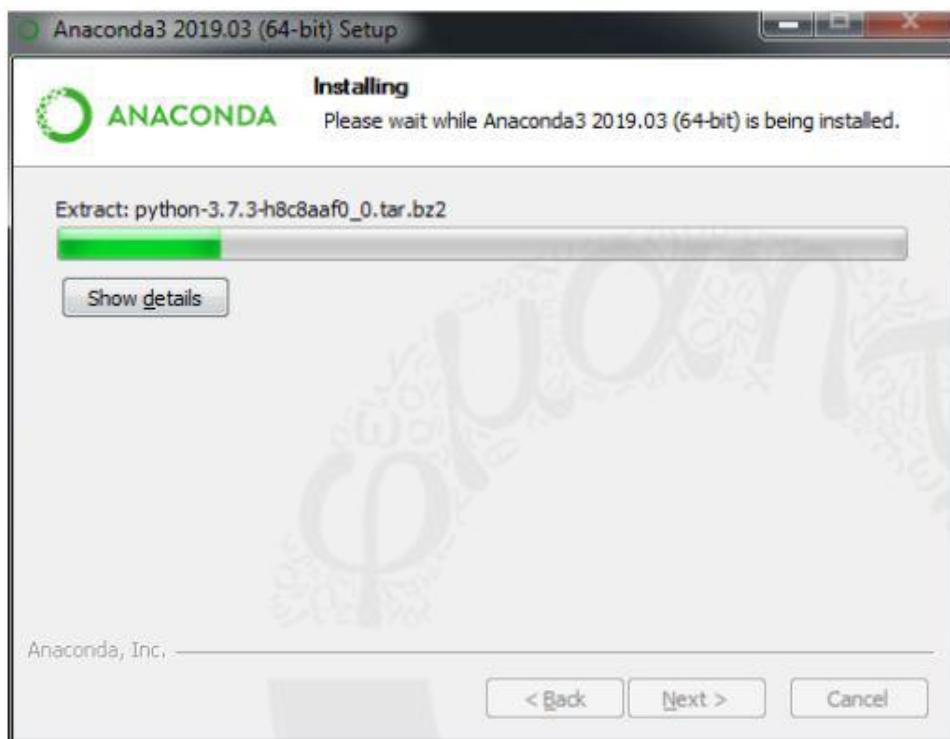
Step 8

Click on the “Install” button.



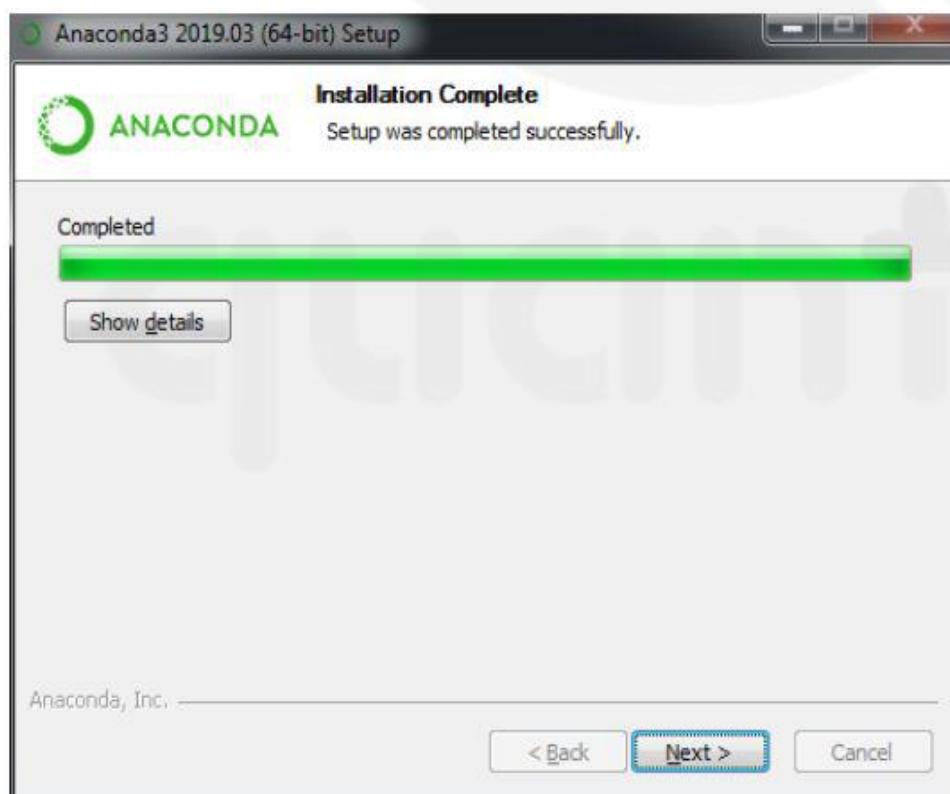
Step 9

Wait till it extracts completely.



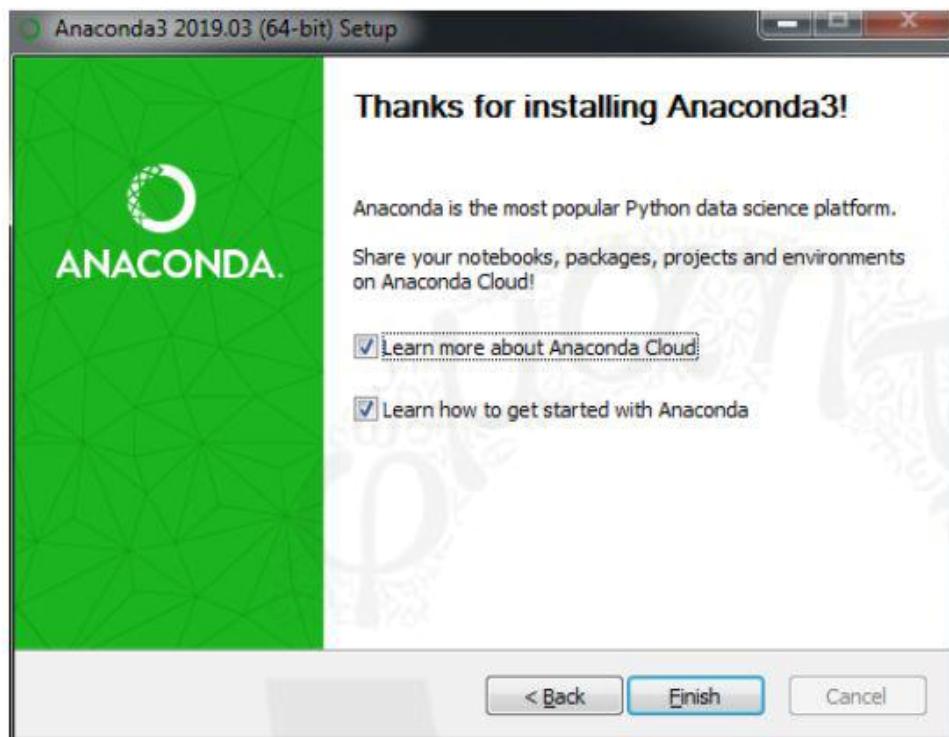
Step 10

After the setup is completed, click on the “Next” button.



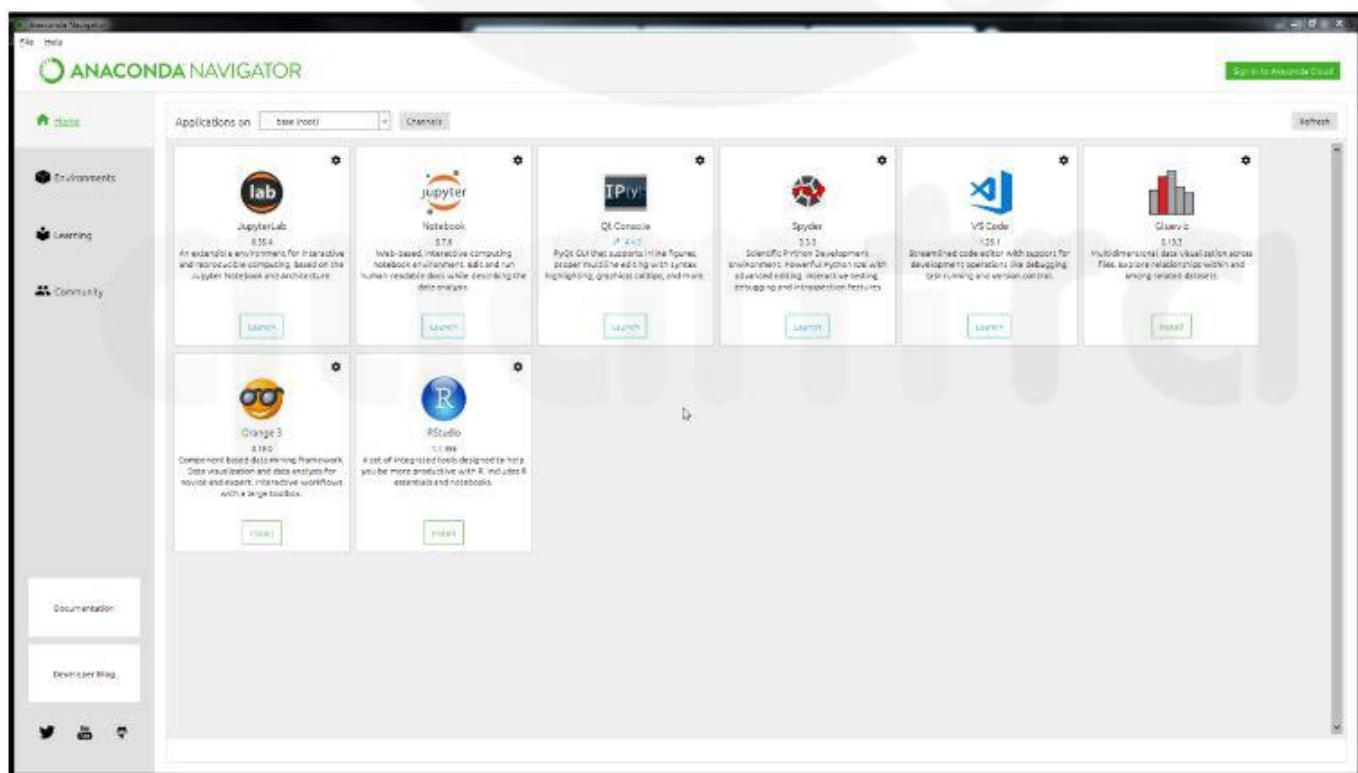
Step 11

Click on “Finish” button.



Step 12

You are ready to use the Anaconda package.



Step 13

You may launch 'Jupyter Notebook' or 'Spyder' and start coding in Python.



Steps for installing Anaconda in Mac

Step 1

Download the Anaconda installer from the website link below according to your system compatibility.

<https://www.anaconda.com/distribution/>

A screenshot of the Anaconda 2019.03 for macOS Installer download page. It features two main sections: 'Python 3.7 version' and 'Python 2.7 version'. Each section has a large green 'Download' button. Below each button, there are two smaller download links: '64-Bit Graphical Installer (637 MB)' and '64-Bit Command Line Installer (542 MB)' for Python 3.7, and '64-Bit Graphical Installer (624 MB)' and '64-Bit Command Line Installer (530 MB)' for Python 2.7.

Step 2

Choose either the graphical installer or the command line installer for OS X.

Graphical Installer:

Download the graphical installer. Double-click the downloaded .pkg file and follow the instructions.

Command-Line Installer:

Download the command line installer. In your terminal window, type the following command:

Python 3.7:

```
bash Anaconda3-2019.03-MacOSX-x86_64.sh
```

NOTE: Include the "bash" command even if you are not using the bash shell.

Below is the screenshot for your reference:

```
[Apples-MacBook-Pro:Keywords For Blog Rakesh$ bash Anaconda3-2019.03-MacOSX-x86_64.sh

Welcome to Anaconda3 2019.03

In order to continue the installation process, please review the license
agreement.
Please, press ENTER to continue
>>> 

pycrypto
A collection of both secure hash functions (such as SHA256 and RIPEMD160), a
nd various encryption algorithms (AES, DES, RSA, ElGamal, etc.).

pyopenssl
A thin Python wrapper around (a subset of) the OpenSSL library.

kerberos (krb5, non-Windows platforms)
A network authentication protocol designed to provide strong authentication
for client/server applications by using secret-key cryptography.

cryptography
A Python library which exposes cryptographic recipes and primitives.
```

```
[  
Do you accept the license terms? [yes|no]  
[no] >>>  
Please answer 'yes' or 'no':'  
>>> yes
```

Anaconda3 will now be installed into this location:
/Users/Rakesh/anaconda3

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

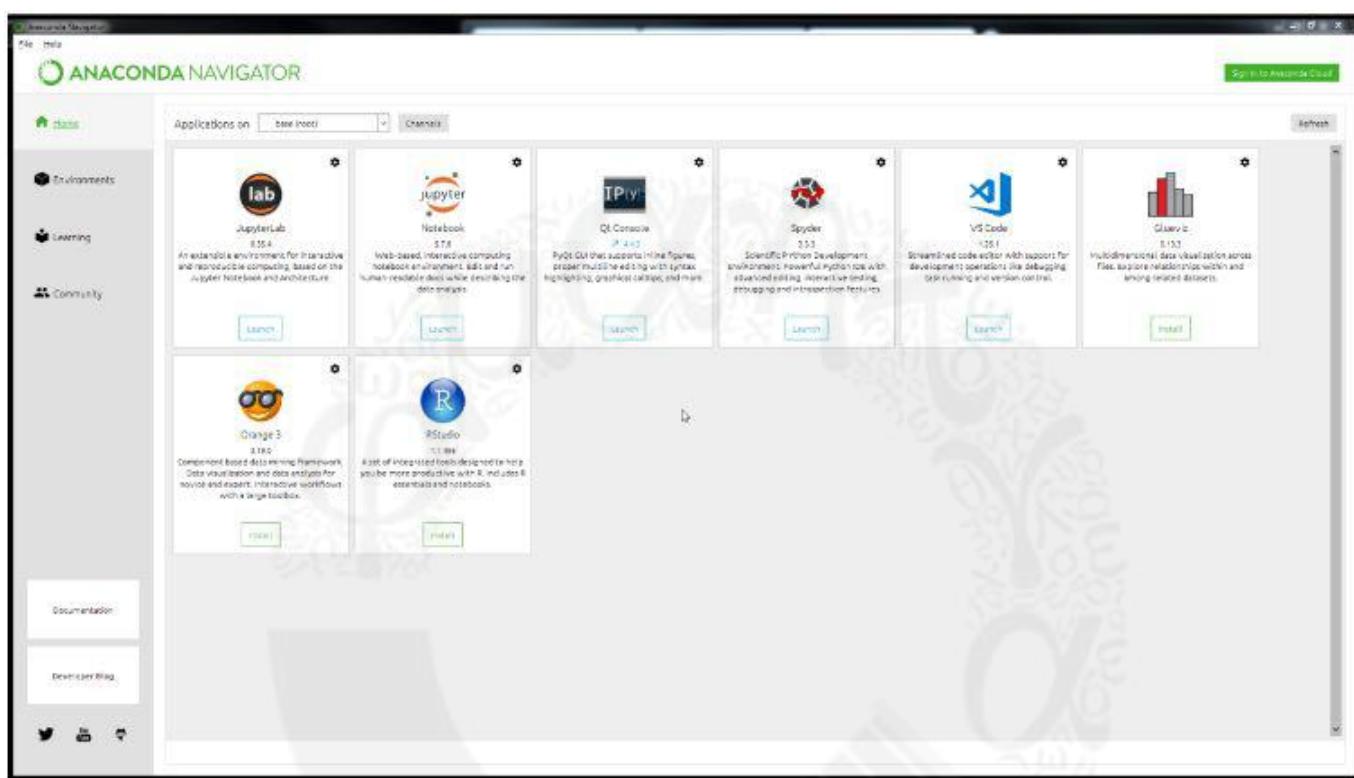
```
[/Users/Rakesh/anaconda3] >>> █
```

```
installing: libgfortran-3.0.1-h93005f0_2 ...
installing: libiconv-1.15-hdd342a3_7 ...
installing: libsodium-1.0.16-h3efe00b_0 ...
installing: lz4-c-1.8.1.2-h1de35cc_0 ...
installing: lzo-2.10-h362108e_2 ...
installing: pandoc-2.2.3.2-0 ...
installing: xz-5.2.4-h1de35cc_4 ...
installing: yaml-0.1.7-hc338f04_2 ...
installing: zlib-1.2.11-h1de35cc_3 ...
installing: libcxx-4.0.1-hcfea43d_1 ...
installing: libpng-1.6.36-ha441bb4_0 ...
installing: mkl-2019.3-199 ...
installing: openssl-1.1.1b-h1de35cc_1 ...
installing: tk-8.6.8-ha441bb4_0 ...
installing: zstd-1.3.7-h5bba6e5_0 ...
installing: expat-2.2.6-h0a44026_0 ...
installing: freetype-2.9.1-hb4e5f40_0 ...
installing: gmp-6.1.2-hb37e062_1 ...
installing: hdf5-1.10.4-hfa1e0ec_0 ...
installing: icu-58.2-h4b95b61_1 ...
installing: libffi-3.2.1-h475c297_4 ...
installing: liblief-0.9.0-h2a1bed3_2 ...
installing: libssh2-1.8.0-ha12b0ac_4 ...
installing: libtiff-4.0.10-hcb84e12_2 ...
installing: ncurses-6.1-h0a44026_1 ...
installing: pcre-8.43-h0a44026_0 ...
installing: snappy-1.1.7-he62c110_3 ...
installing: zeromq-4.3.1-h0a44026_3 ...
installing: blosc-1.15.0-hd9629dc_0 ...
installing: gettext-0.19.8.1-h15daf44_3 ...
installing: libedit-3.1.20181209-hb402a30_0 ...
installing: libxml2-2.9.9-hab757c2_0 ...
installing: mpfr-4.0.1-h3018a27_3 ...

installing: readline-7.0-h1de35cc_5 ...
installing: glib-2.56.2-hd9629dc_0 ...
installing: krb5-1.16.1-hddcf347_7 ...
installing: libarchive-3.3.3-h786848e_5 ...
installing: libxslt-1.1.33-h33a18ac_0 ...
installing: mpc-1.1.0-h6ef4df4_1 ...
installing: sqlite-3.27.2-ha441bb4_0 ...
installing: unixodbc-2.3.7-h1de35cc_0 ...
installing: dbus-1.13.6-h90a0687_0 ...
installing: libcurl-7.64.0-h051b688_2 ...
installing: qt-5.9.7-h468cd18_1 ...
```

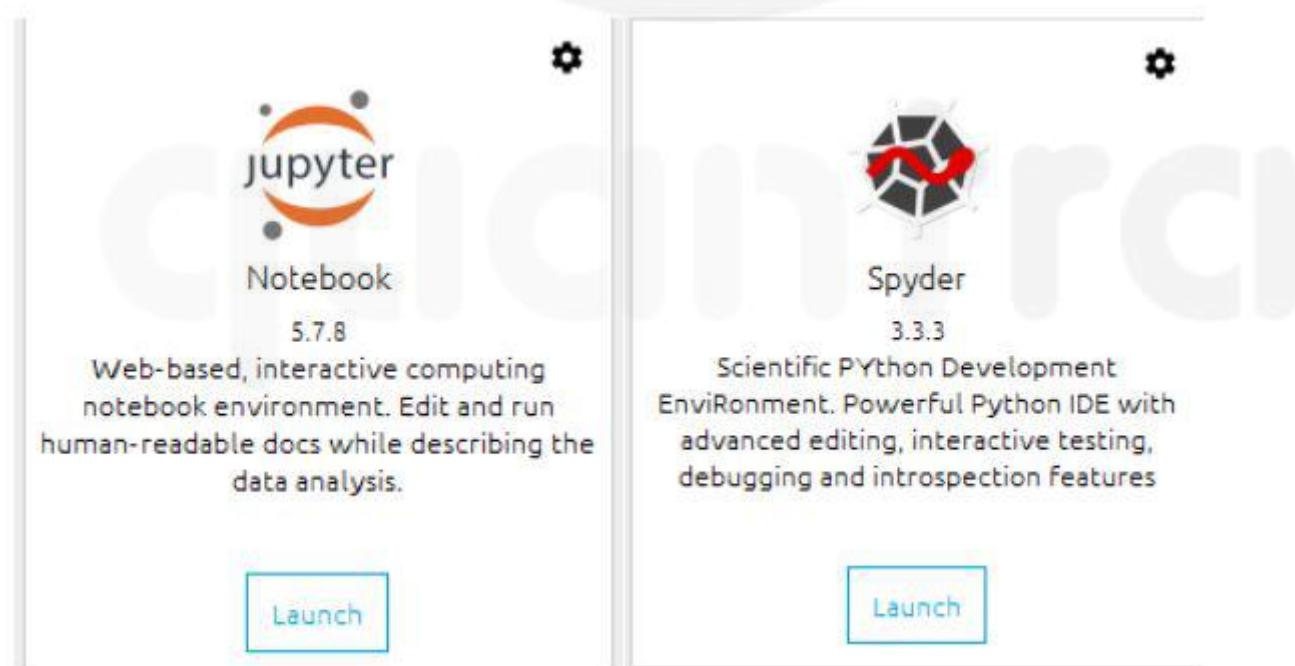
Step 3

You are ready to use the Anaconda package.



Step 4

You may launch 'Jupyter Notebook' or 'Spyder' and start coding in Python.



Change Python version

Once you have installed Anaconda, open the Anaconda prompt.

Click on the Start in the left-hand bottom corner, and then search for Anaconda Prompt in the search programs and files.

Open the Anaconda prompt and type the following command

conda install python=3.6.8

in it as shown below and then press enter.

