Installation of Anaconda in Windows

Installation of Python:

- Go to https://www.anaconda.com/
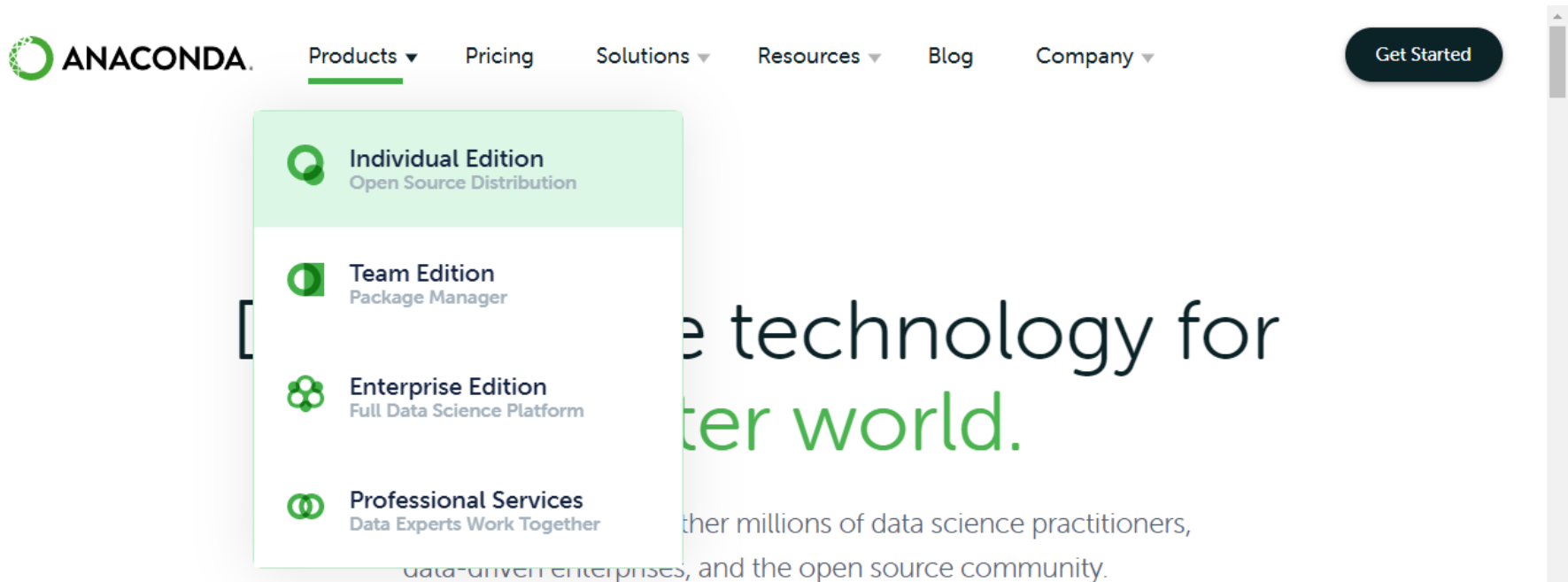
Select the Individual Edition as above

Installation of Python:

- Click here Download (64 Bit), 32 Bit and follow the steps in later slides to install.
https://www.anaconda.com/products/individual#Downloads **Download the appropriate OS version & prefer the latest version always**

Anaconda Installers

Windows	MacOS	Linux
Python 3.7	Python 3.7	Python 3.7
64-Bit Graphical Installer (466 MB)	64-Bit Graphical Installer (442)	64-Bit (x86) Installer (522 MB)
32-Bit Graphical Installer (423 MB)	64-Bit Command Line Installer (430 MB)	64-Bit (Power8 and Power9) Installer (276 MB)
Python 2.7	Python 2.7	Python 2.7
64-Bit Graphical Installer (413 MB)	64-Bit Graphical Installer (637 MB)	64-Bit (x86) Installer (477 MB)
32-Bit Graphical Installer (356 MB)	64-Bit Command Line Installer (409 MB)	64-Bit (Power8 and Power9) Installer (295 MB)

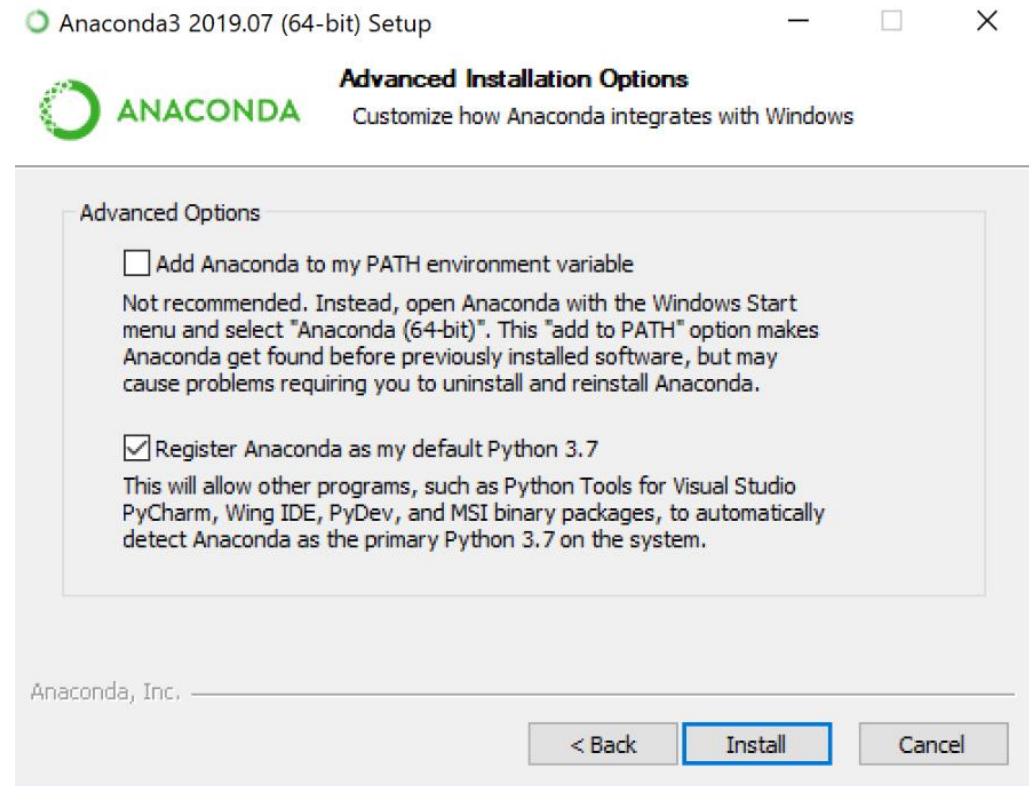# Installation of Python:

- Double click the installer to launch.

- Click Next

- Read the licensing terms and click "I Agree".

- Select an install for "Just Me" unless you're installing for all users (which requires Windows Administrator privileges) and click Next.
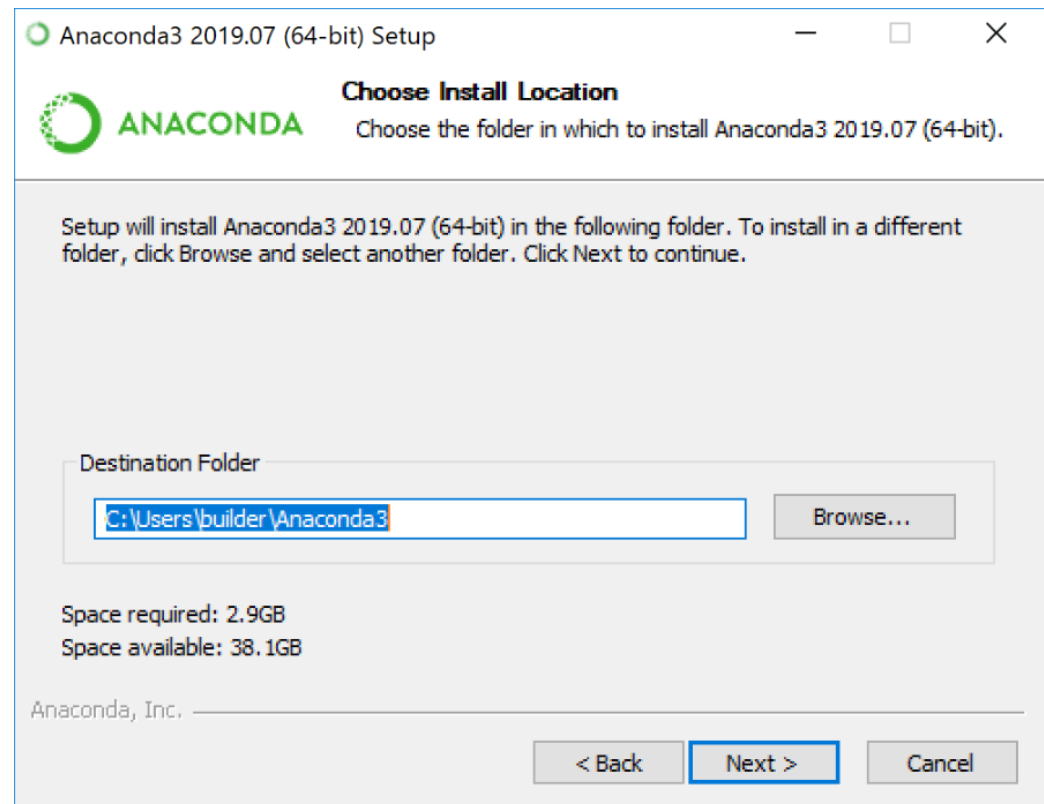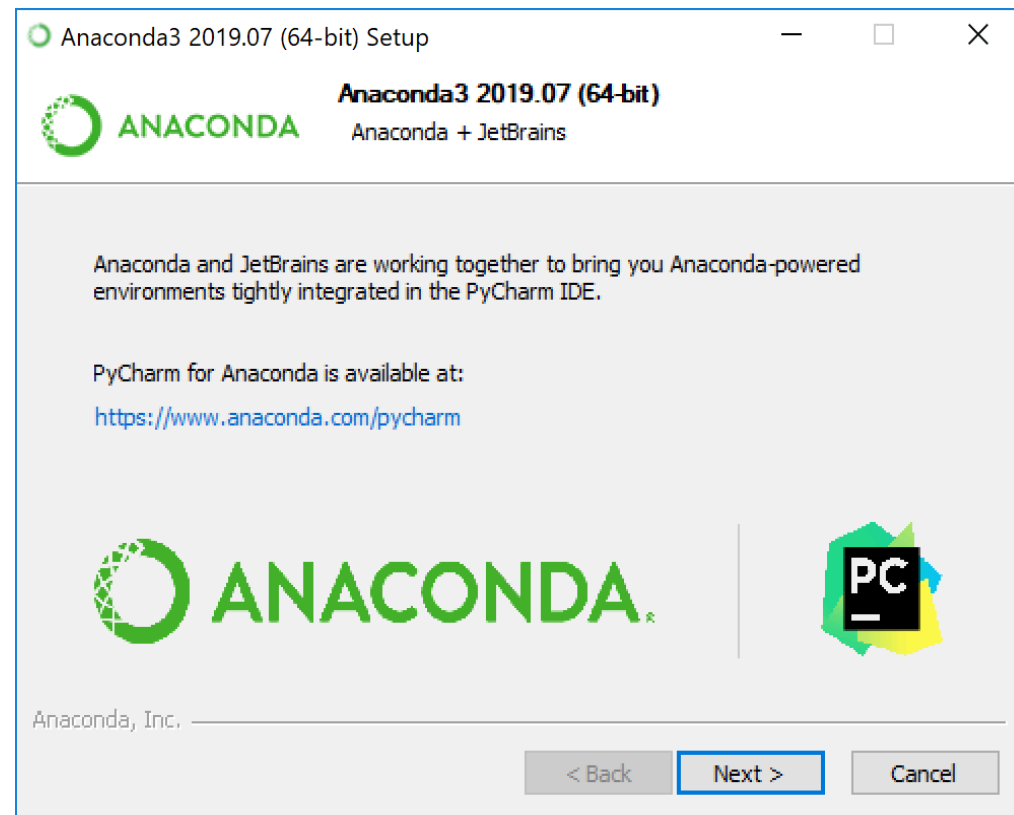
Installation of Python:

- Choose whether to add Anaconda to your PATH environment variable. We recommend not adding Anaconda to the PATH environment variable, since this can interfere with other software. Instead, use Anaconda software by opening Anaconda Navigator or the Anaconda Prompt from the Start Menu.

Installation of Python:

- Choose whether to register Anaconda as your default Python. Unless you plan on installing and running multiple versions of Anaconda or multiple versions of Python, accept the default and leave this box checked.

- Click the Install button. If you want to watch the packages Anaconda is installing, click Show Details.
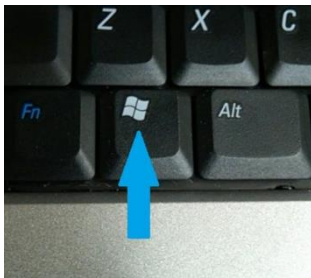
- Click the Next button

Installation of Python:

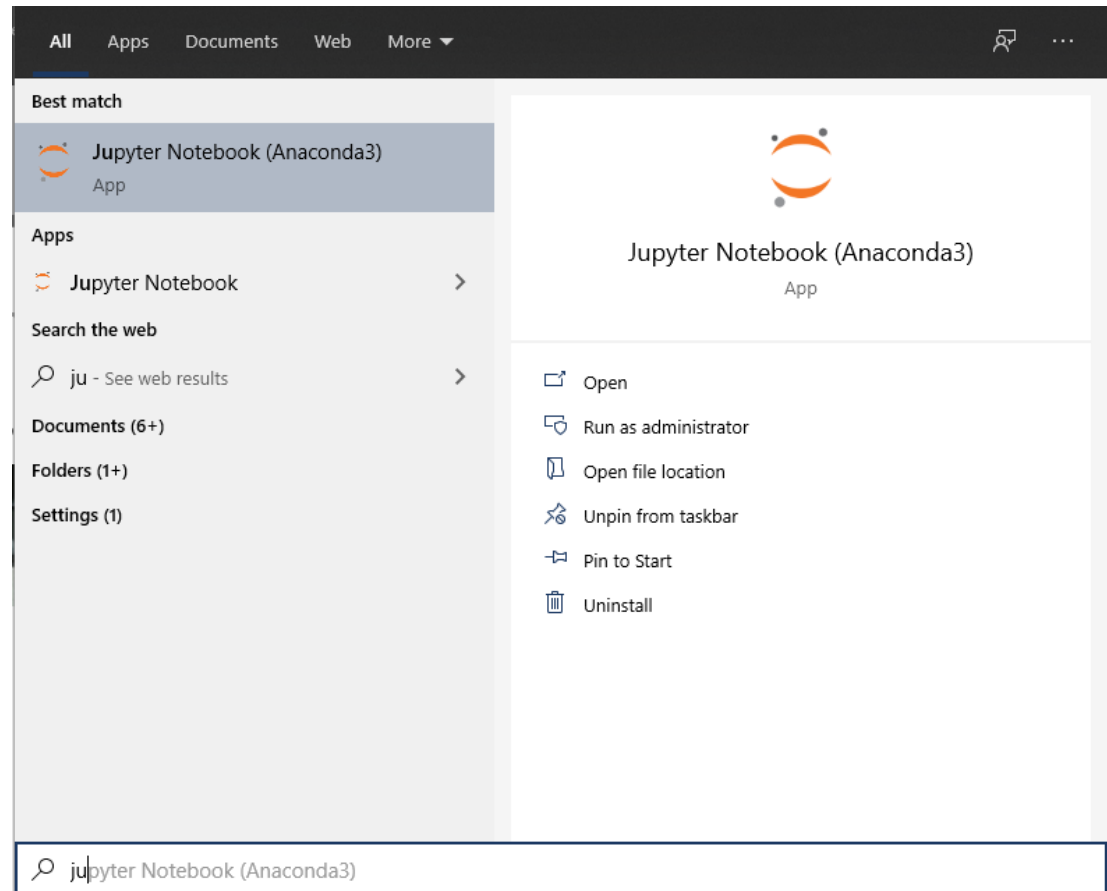- After a successful installation you will see the "Thanks for installing Anaconda" dialog box
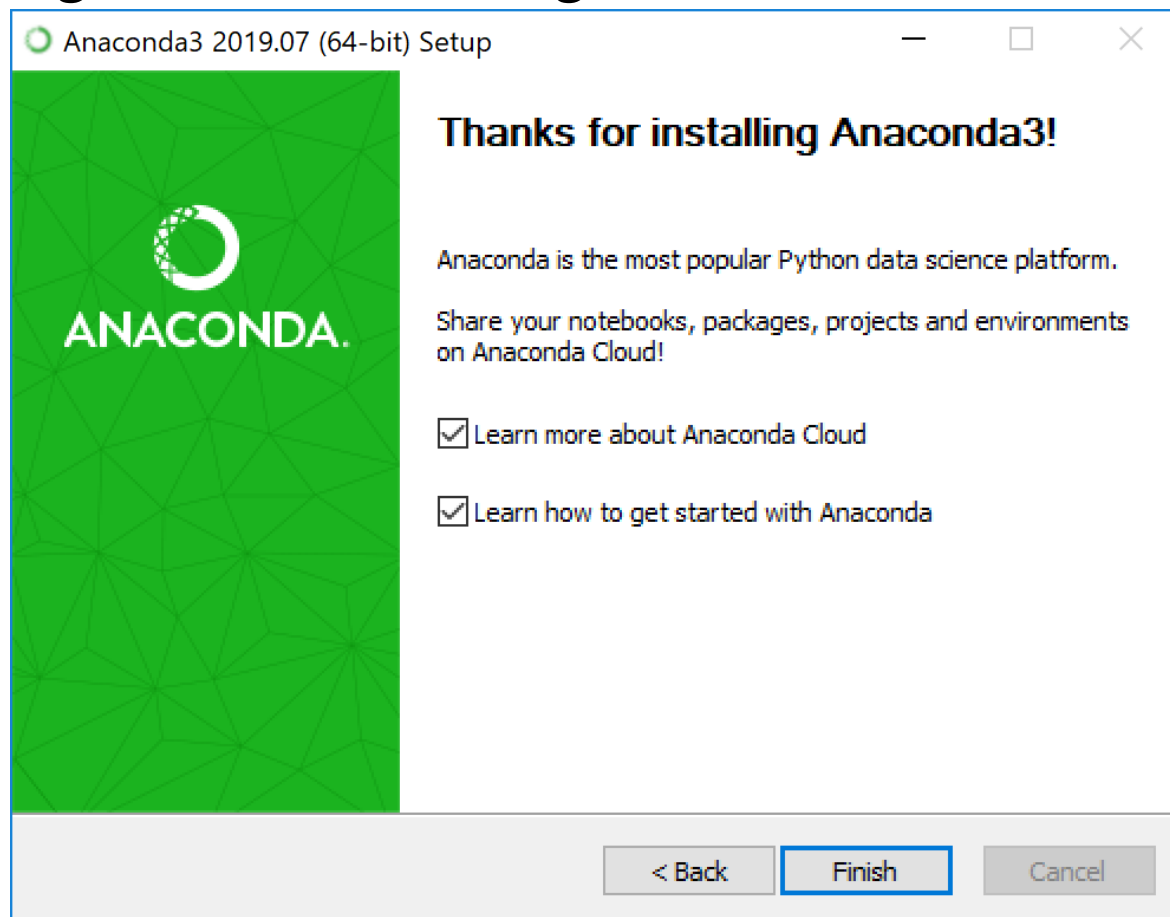
Opening Jupyter Notebook:

- Click on Windows button and Search for 'Jupyter Notebook'

- And Open It

Opening Jupyter Notebook:

- You will be directed to the following screen after you have opened Jupyter Notebook. Here, select new and you will be directed to a new Notebook.
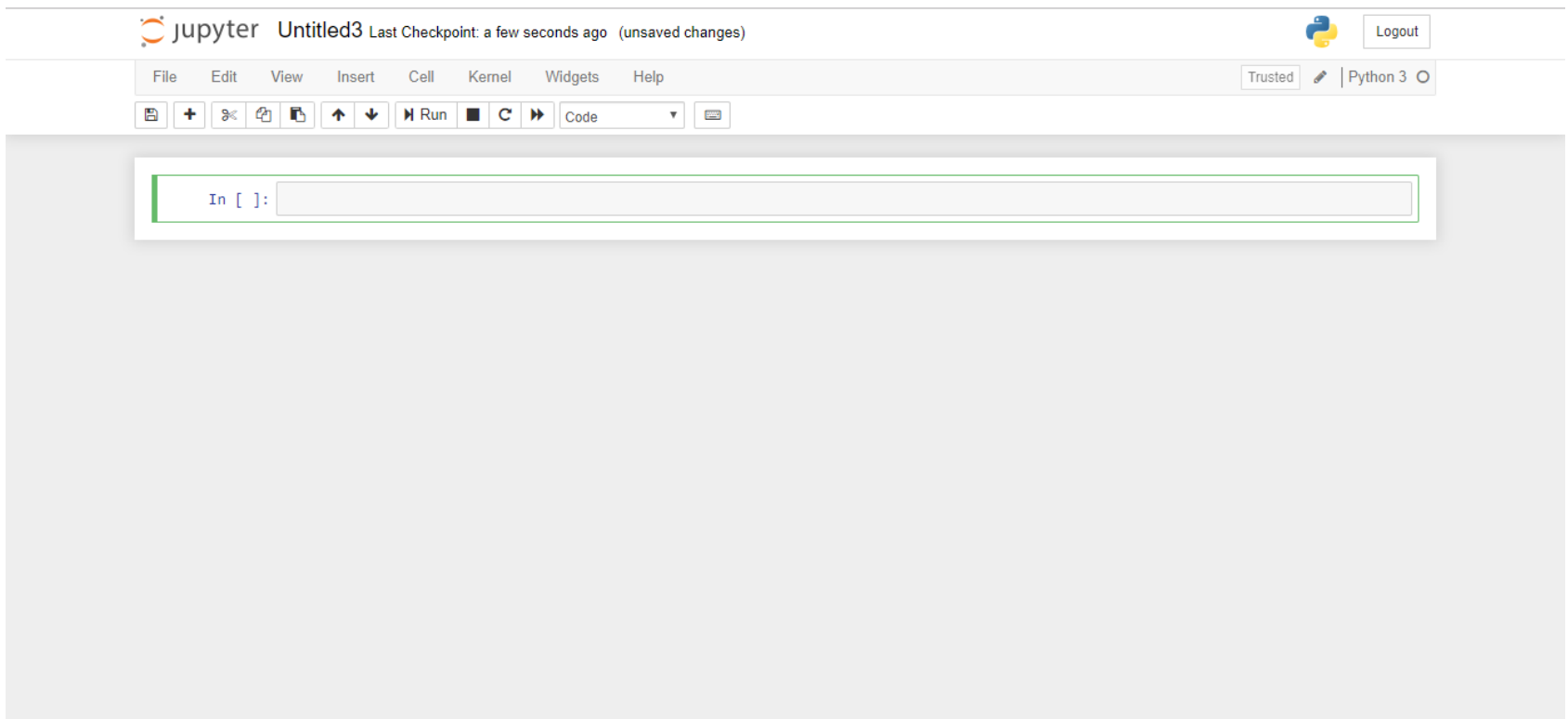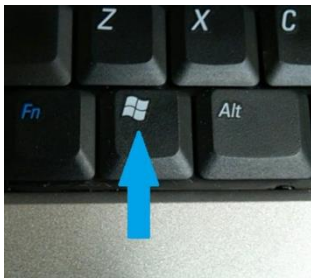
Opening Jupyter Notebook:

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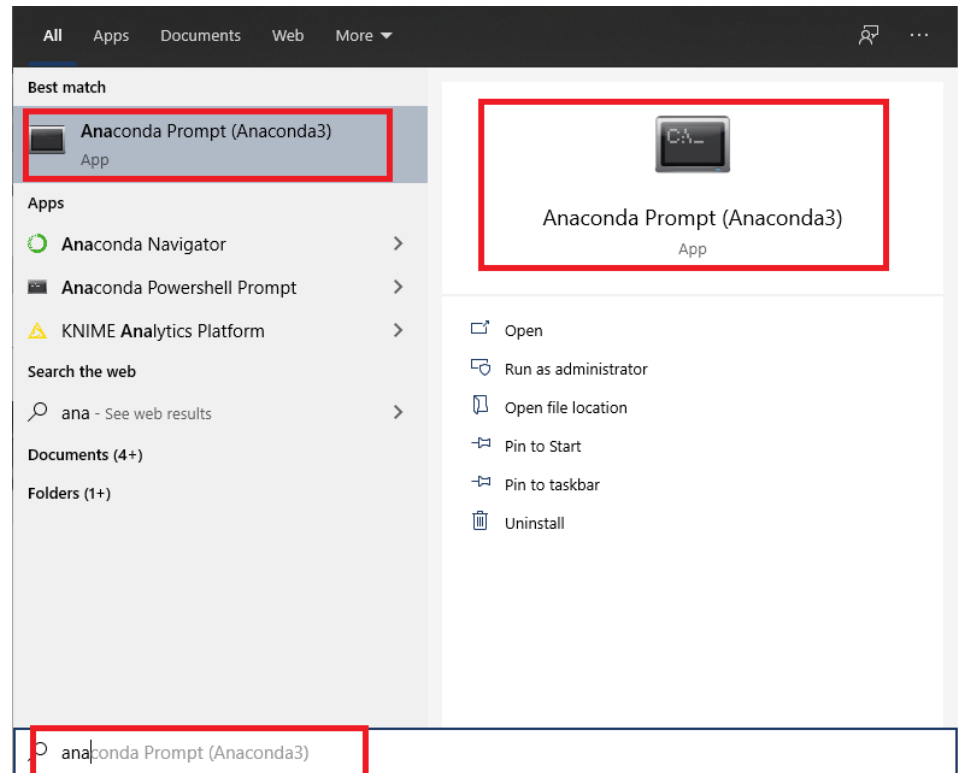- This is how a new Jupyter script looks like.

Installing Python Packages:

- Click on Windows button and Search for 'Anaconda Prompt'
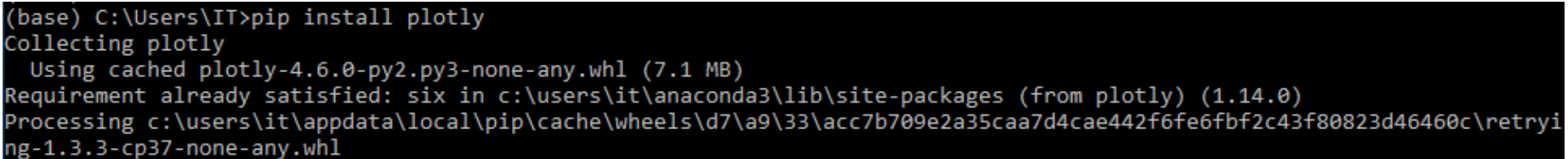

- And open it

Installing Python Packages:

- In the Anaconda Prompt, type 'pip install' followed the package name that you want to install and press enter
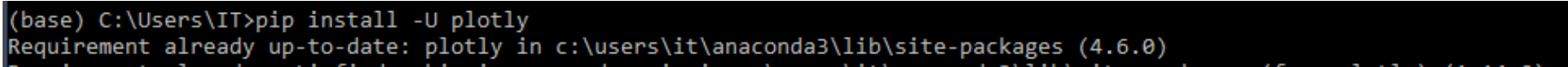
```
Anaconda Prompt (Anaconda3)                                                    —    □    ×

(base) C:\Users\IT>
(base) C:\Users\IT>pip install plotly
```

- If already installed, it shows requirement already satisfied

```
(base) C:\Users\IT>pip install plotly
Collecting plotly
  Using cached plotly-4.6.0-py2.py3-none-any.whl (7.1 MB)
Requirement already satisfied: six in c:\users\it\anaconda3\lib\site-packages (from plotly) (1.14.0)
Processing c:\users\it\appdata\local\pip\cache\wheels\d7\a9\33\acc7b709e2a35caa7d4cae442f6fe6fbf2c43f80823d46460c\retryi
ng-1.3.3-cp37-none-any.whl
```

- To update an existing package type pip install –U followed by package name

```
(base) C:\Users\IT>pip install -U plotly
Requirement already up-to-date: plotly in c:\users\it\anaconda3\lib\site-packages (4.6.0)
```

Other Commands

- To see python and Anaconda Version, type 'conda info' in Anaconda Prompt

Other Commands

- To update python and Anaconda Version, type below code in Anaconda Prompt
  - conda update conda
  - conda update python
  - conda update anaconda
  - conda update --all

```
(base) C:\Users\IT>conda update conda
Collecting package metadata (current_repodata.json): \
```

Reference link:

https://docs.anaconda.com/anaconda/install/update-version/

Other Commands

More commands:

https://docs.conda.io/projects/conda/en/latest/commands.html

https://docs.conda.io/projects/conda/en/4.6.0/_downloads/52a95608c49671267e40c689e0bc00ca/conda-cheatsheet.pdf

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Thank You