

Jupyter Notebook Tutorial:

To install Jupyter Notebook

Method 01: (After installing python 3.6)

For Windows OS

```
> pip install jupyter
```

For Linux OS

```
$ pip3 install jupyter
```

Method 02:

Install Anaconda <https://www.anaconda.com/download/> (<https://www.anaconda.com/download/>)

```
$ bash ~/Downloads/Anaconda3-5.0.1-Linux-x86_64.sh
```

To open Jupyter Notebook

Start cmd/terminal and type (if installed using pip/pip3)

```
> jupyter notebook
```

```
$ jupyter notebook
```

Jupyter Notebook Modes:

Command Mode (Blue Cell):

Press `Esc` to enter Command Mode

Edit Mode (Green Cell):

Press `Enter` to enter Edit Mode

Go to `Help > User Interface Tour`, to see the basic tour of the Jupyter Notebook.

Check Keyboard Shortcuts under `Help Menu` for details.

To change Title of the page, double click on the `Untitled` at the top of the page and give appropriate title to it.

Edit Mode:

To execute the code in a cell and to remain in the same cell, Press

Ctrl + Enter

To execute the code in a cell and to move in the next cell, Press

Shift + Enter

Command Mode:

To insert a cell below, Press

B

To insert a cell above, Press

A

To move between the cells, Use

Up and Down Arrow Keys

To delete a cell, Press

D , D

Notation to the left of the cell:

In[]: Input Code which has not been executed

In[*]: Input Code is currently executing

In[1]: The number **1** indicates the execution order of the highlighted code block

Out[1]: Shows the value of the last variable in the cell

In [1]:

```
a = 10
b = 20
c = a + b
c
```

Out[1]:

30