Python Bootcamp & Masterclass

How to use Jupyter Notebook

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IDE (Integrated Development Environment)

IDE stands for Integrated Development Environment.

It's a tool that allows a developer to write, test, and debug code easily and interactively, as IDEs typically offer code completion, resource management, debugging tools and context-sensitive help.

Jupyter is the most common open-source IDE for python and the easiest way to get it is by downloading Anaconda distribution.

01 Jupyter

02 PyCharm

03 VS Code

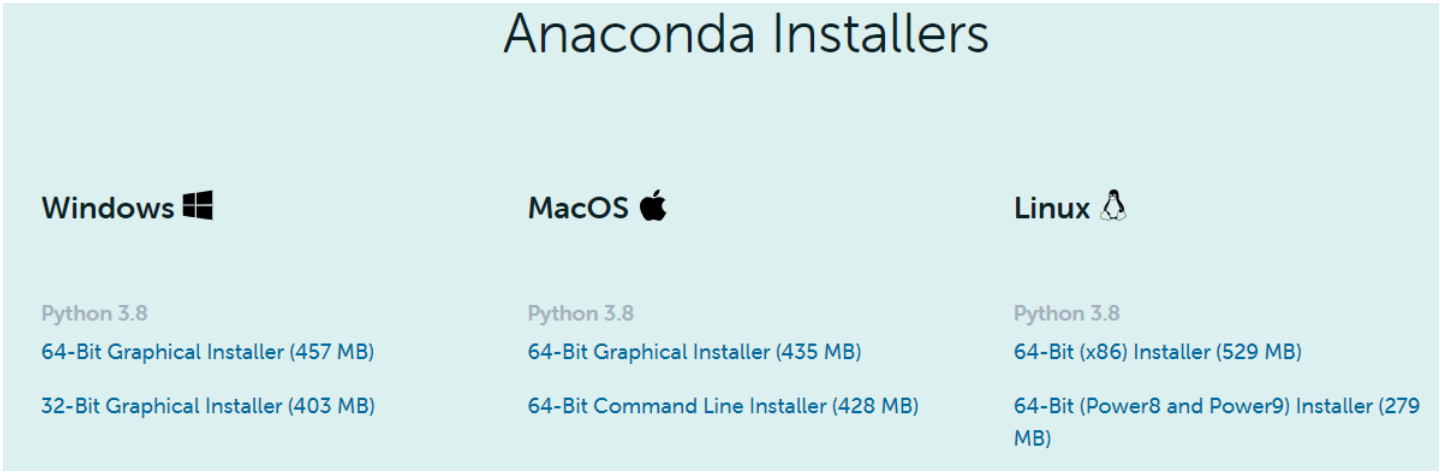
04 Colab

Installing Anaconda

Step1: go to https://www.anaconda.com/products/individual

Step2: Scroll down to see Anaconda Installers

Step3: Download installer appropriate for your computer



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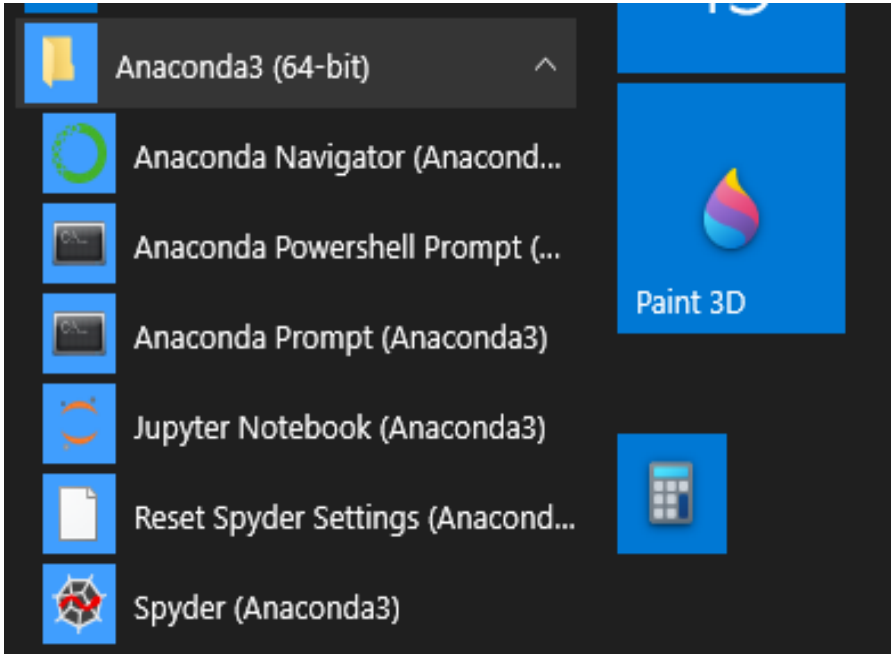
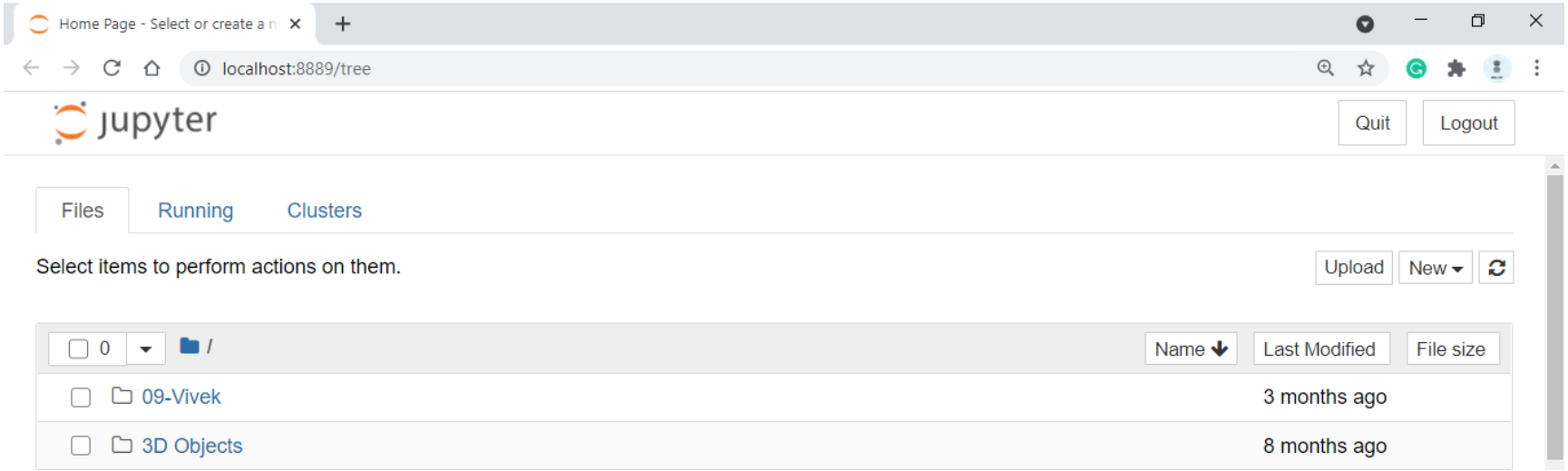
Jupyter Notebook

After installing **Anaconda**, Jupyter Notebook can be opened by clicking on the **Jupyter Notebook (Anaconda3)** menu item from the start menu. It can also be opened from Anaconda Navigator or from the Anaconda Prompt by typing **jupyter notebook** at the prompt.



Jupyter is a browser-based IDE. It opens in the default browser. The explorer can be used to navigate to the proper directory.



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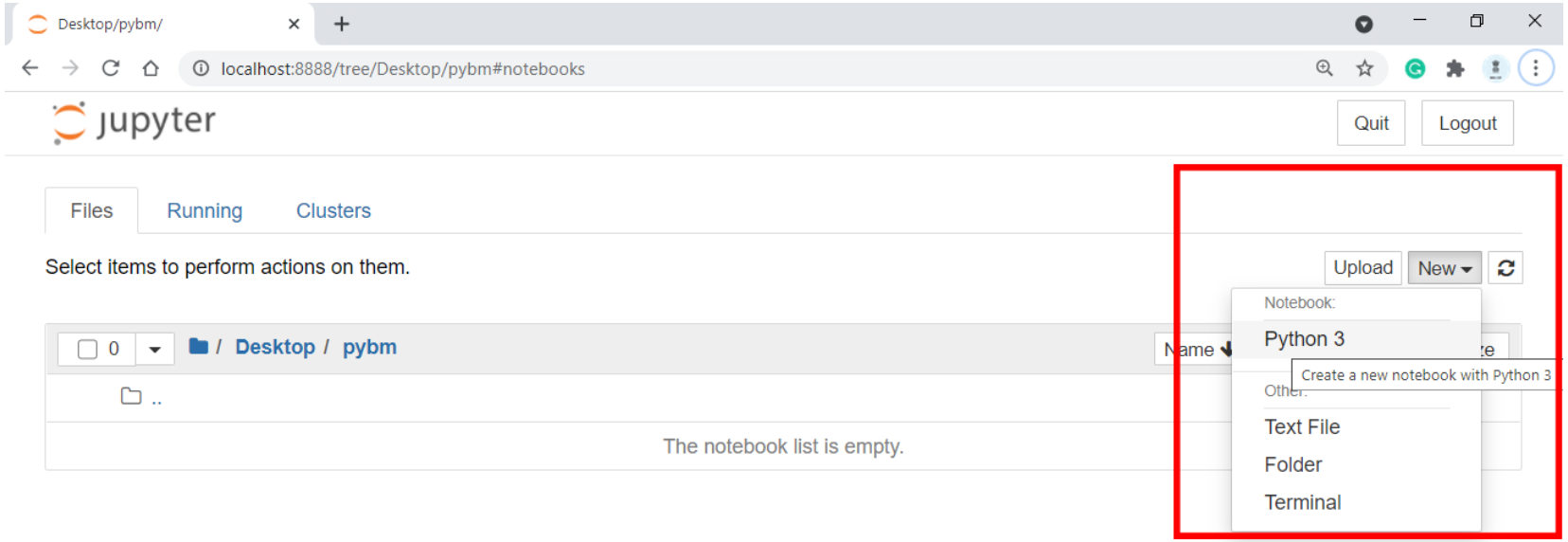
A new Jupyter Notebook can be created by clicking on the **New** dropdown button and then clicking the **Python 3** menu item to create a new Python 3 Notebook



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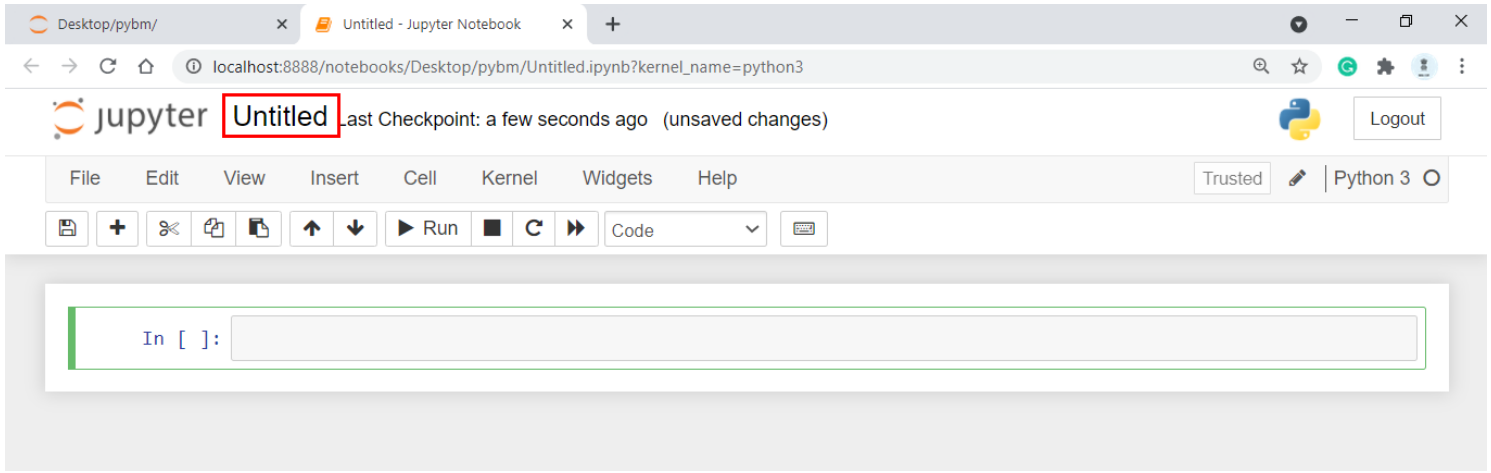
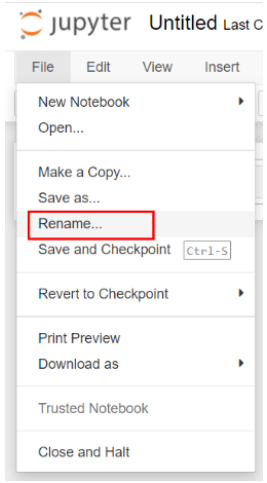
The newly created **Untitled** Jupyter Notebook shall be given a meaningful name by clicking on the **Untitled** or **Rename…**from the **File** menu item





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Command & Edit

By default, new notebook opens with one cell in edit mode. There are two modes for any cell in the notebook: edit mode and command mode:

This cell is in EDIT mode (green border)

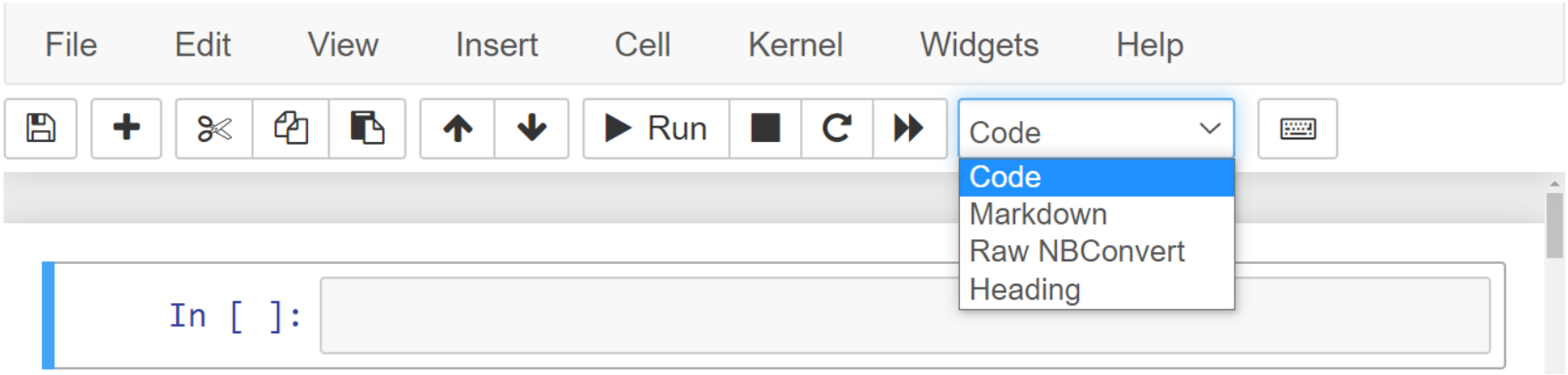
This cell is in COMMAND mode (blue border)

We can switch from **edit** mode to **command** mode by pressing the **Escape** key or clicking on the **green border**

We can switch from **command** mode to **edit** mode to by pressing the **Enter** key or clicking in the cell.

Code/Markdown

In command mode, we can edit the notebook as a whole, but not type into individual cells. The keyboard is mapped to a set of shortcuts to perform notebook and cell actions efficiently. For example, if you are in command mode pressing **h** will show help



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Online Resources

For best python resources, please visit:

gknxt.com/python/

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Thank You

for your Rating & Review

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