Learning Jupyter Notebook

Help🡪 Keyboard shortcuts : For all Keyboard shortcuts

Toggle between command mode and edit mode using the escape key.

Green colour🡪 Edit Mode

Blue colour🡪 Command Mode

Edit Mode🡪 Pencil indicator on the top.

Pressing Enter in edit mode adds new lines in the same code block.

For execution click on cell menu on the top OR

Ctrl+Enter – executes the current cell

Shift + Enter—executes the current cell and inserts/moves to the cell below it

Number beside the cell indicates the order in which the cells are executed. Since each cell can be executed individually it helps in understanding the order of execution.

Star Beside the cell indicates that the cell is still executing.

Killing a program: Click on Kernel—Restart Kernel and clear all output.

Markdown:

Cell🡪 Cell Type🡪 Markdown

Write the text and execute the cell.

Bash Commands:

Use exclamation to run the bash commands in the cell editor. You need not go to the command window for the execution of exclamation mark.

Example: ! pip install matplotlib

%lsmagic—Lists all the list magic commands

Example:

%pwd—lists current working directory

%ls -la – lists all the files in the current library

%matplotlib inline – Magic command which helps in showing the plot in notebook itself.

%%HTML – Magic cell command which helps in embedding HTML Markdown without clicking on markdown.

Helps in rendering images/links directly into the Jupyter notebook.

%%timeit – Helps in determining the execution time.

Exporting:

File🡪 Doenload as 🡪 whichever format you want