

Command Mode - Esc to enter

Up/Down Arrow Keys	Navigate Cells
A	Insert Cell Above
B	Insert Cell Below
Shift Tab	Docstring for object. Press again to cycle docstring type
F	Find and Replace
O	Toggle Output
Shift Up/Down Arrows	Select Cells Above/Below
Shift M	Merge Multiple Cells
Ctrl Shift -	Split cell
y	Change to code
m	Change to markdown
Number 1-6	Change to heading
c	Copy a cell
x	Cut a cell

Whilst holding Entr - Running Cells

Shift	Run Cell and Select Below
Alt	Run Cell and Insert below
Ctrl	Run Cell and stay on same cell

After pressing Esc - Kernel Commands

ii	Interrupt
00	Restart

Whilst Holding Control

a	Select all
z	Undo
Shift Z	Redo
]	Indent
[	Dedent

Typed Tips

jupyter nbconvert --to script NOTEBOOK_NAME.ipynb	Convert to other formats (script converts to Python)
from IPython.core.interactiveshell import InteractiveShell InteractiveShell.ast_node_interactivity = "all"	Multiple outputs in the same cell
from IPython.core.display import display, HTML display(HTML("<style>.container { width:95% !important; }</style>"))	Change width of current notebook
import sys !{sys.executable} -m pip install numpy	Import package in current notebook

Cell Magic Commands, %% character prefix

%%time	Place at the top of a cell to check how long the cell takes to execute
%%heat	Place at the top of a cell to check how long each line of code takes to execute
%%bash	Run cells as bash script

Line Magic Commands, % prefix

%lsmagic, %quickref	List all available magic commands, describe magic commands
%pastebin x-y	Create a url code from current Jupyter Notebook cell x to y

Line Magic Commands, % prefix (cont)

%whos	Returns the variables present in the global space along with its type. Pass arguments to return variables of a specific type
%automagic	Make magic functions callable without having to type the initial %.
%pdb, %pdb off	Control automatic calling of the pdb interactive debugger.
%pip	Install the python module using the pip package manager in the jupyter notebook
%dhist	History of directories visited in the notebook
%history	The history of commands which were executed in a notebook.
%precision	Sets the precision of floating point numbers
%run ./swarm.ipynb	Lets us run the python file or a different jupyter notebook file in the jupyter notebook
%env	Set Environment Variables You can manage environment variables of your notebook without restarting the jupyter server process



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Published 26th October, 2021.
Last updated 23rd October, 2021.
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