Jupyter Notebook Quick-Reference
For Windows

Loading Notebook

Open an existing notebook — Open...
Save current notebook as specified name — Save as...
Revert notebook to a previous checkpoint — Revert to Checkpoint
Close notebook & stop running scripts — Close and Halt

Create a new notebook — New Notebook
Copy the current notebook — Make a Copy...
Save current notebook & record checkpoint — Save and Checkpoint
Download notebook as IPython notebook, Python, HTML, Markdown, PDF — Download as

File menu: New Notebook, Open..., Make a Copy..., Save as..., Rename..., Save and Checkpoint, Revert to Checkpoint, Print Preview, Download as, Trusted Notebook, Close and Halt

View Cells

Toggle display of toolbar — Toggle Toolbar
Toggle display of cell action icons — Cell Toolbar
Toggle display of Jupyter logo & Filename — Toggle Header
Toggle line numbers in cell — Toggle Line Numbers

View menu: Toggle Header, Toggle Toolbar, Toggle Line Numbers, Cell Toolbar

Insert Cells

Add new cell below the current one — Insert Cell Below
Add new cell above the current one — Insert Cell Above

Insert menu: Insert Cell Above, Insert Cell Below

Execute Cells

Run selected cells — Run Cells
Run current cells down & create one above — Run Cells and Insert Below
Change the cell type — Cell Type

Run current cells down & create one below — Run Cells and Select Below
Run all cells above or below selected cell — Run All Above / Run All Below
Toggle and clear current or all outputs — Current Outputs / All Output

Cell menu: Run Cells, Run Cells and Select Below, Run Cells and Insert Below, Run All, Run All Above, Run All Below, Cell Type, Current Outputs, All Output

Keyboard Shortcuts (Windows)

Command	Description
Enter	enter edit mode
Control + a	select all
Control + c; Control + v	copy; paste
Control + z; Control + y	undo; redo
Control + s	save and checkpoint
Control + b; Control + a	insert cell below; insert cell above
Shift + enter	run cell, select below
Tab (while editing)	auto-complete
Shift + Tab (while editing)	show function docstring
Ctrl + enter	run cell
Escape + i + i	interrupt kernel
Escape	enter command mode
Escape + d + d	delete selected cell
Escape + y	change cell to code
Escape + m	change cell to markdown
Control + Shift + Minus (-)	split cell at cursor
Escape, Shift + m	merge with cell below
Escape + b	create cell below
Escape + a	insert cell above

Magic Commands

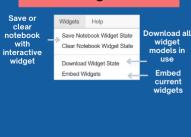| Statement	Explanation / Example
%magic	Comprehensively lists and explains magic functions
%automagic	When active, enables user to call magic functions without "%"
%quickref	Launch IPython quick reference
%pastebin	Pastebin lines from your current session (ex: %pastebin 3 18-20 ~1/1-5)
%debug	Enters interactive debugger
%hist	Print command input and output history
%pdb	Automatically enter python debugger after any exception
%cpaste	Opens up a special prompt for manually pasting python code for execution
%reset	Delete all variables and names defined in the current namespace
%run	Run a python script inside a notebook (ex: %run script.py)
%who, %who_is, %whos	Display variables defined in the interactive namespace with varying levels of verbosity
%xdel	Delete a variable in the local namespace; clear any references to that variable (ex: %xdel variable)
%time	Times a single statement (ex: In [561]: %time method = [a for a in data if b.startswith('http')])

Edit Cells

Paste cells above or below current cell — Paste Cells Above / Paste Cells Below
Revert 'delete cells' invocation — Undo Delete Cells
Split up cell from current position — Split Cell
Move selected cell up or down — Move Cell Up / Move Cell Down
Search and replace content in selected cells — Find and Replace
Insert image into selected cell — Insert Image

Cut or copy selected cells to clipboard — Cut Cells / Copy Cells
Paste clipboard cells on top of the selected cell — Paste Cells & Replace
Merge selected cell with cell above or below — Merge Cell Above / Merge Cell Below
Adjust Metadata underlying current Notebook — Edit Notebook Metadata
Cut, copy, or paste cell attachment — Cut Cell Attachments / Copy Cell Attachments / Paste Cell Attachments

Edit menu: Cut Cells, Copy Cells, Paste Cells Above, Paste Cells Below, Paste Cells & Replace, Delete Cells, Undo Delete Cells, Split Cell, Merge Cell Above, Merge Cell Below, Move Cell Up, Move Cell Down, Edit Notebook Metadata, Find and Replace, Cut Cell Attachments, Copy Cell Attachments, Paste Cell Attachments, Insert Image

Kernel Cells

Restart kernel — Restart
Restart kernel & run all cells — Restart & Run All
Shutdown all cells — Shutdown
Run other installed kernels — Change kernel

Interrupt kernel — Interrupt
Interrupt kernel & clear all output — Restart & Clear Output
Reconnect to a remote notebook — Reconnect

Kernel menu: Interrupt, Restart, Restart & Clear Output, Restart & Run All, Reconnect, Shutdown, Change kernel

Widgets

Save or clear notebook with interactive widget — Save Notebook Widget State / Clear Notebook Widget State
Download all widget models in use — Download Widget State
Embed current widgets — Embed Widgets

Widgets menu: Save Notebook Widget State, Clear Notebook Widget State, Download Widget State, Embed Widgets

Help

Walk through a UI tour — User Interface Tour
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Markdown available in notebook — Markdown
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