

Python For Data Science Cheat Sheets

Jupyter Notebook

Learn More Python for Data Science Interact at [www.DataCamp.com](https://www.datacamp.com)



Saving/Loading Notebooks

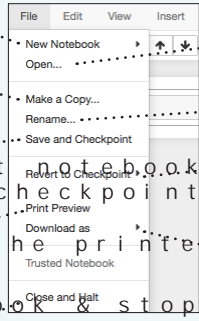
Create new notebook

Make a copy of the current notebook

Save current notebook and record checkpoint

Preview of the printed notebook

Close notebook & stop running any scripts



Open an existing notebook

Rename notebook

Revert notebook to a previous checkpoint

Download notebook

- IPython notebook
- Python
- HTML
- Markdown
- reST
- LaTeX
- PDF

Writing Code And Text

Code and text are encapsulated by 3 basic cell types: markdown cells, code cells, and raw NBConvert cells.

Edit Cells

Cut currently selected cells to clipboard

Paste cells from clipboard above

Paste cells from clipboard on top of current cell

Paste cells from clipboard below of current cell

Rev "Delete Cells" invocation

Merge current cell with the one above

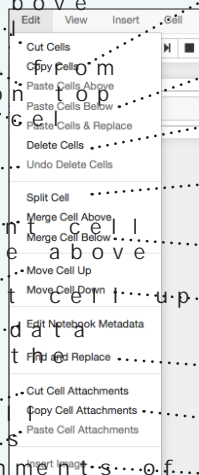
Merge current cell with the one below

Move current cell up

Adjust metadata underlying the current notebook

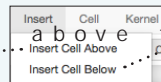
Remove cell attachments

Paste attachments of current cell



Insert Cells

Add new cell above current one



Add new cell below current one

Working with Different Programs

Kernels provide computation and communication like the notebooks. There are three main kernels: IPython, IRkernel, and IJulia.



Installing Jupyter Notebook will automatically install the IPython kernel.

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Restart kernel & run all cells

Widgets

Notebook with widgets is a rich interactive interface. You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

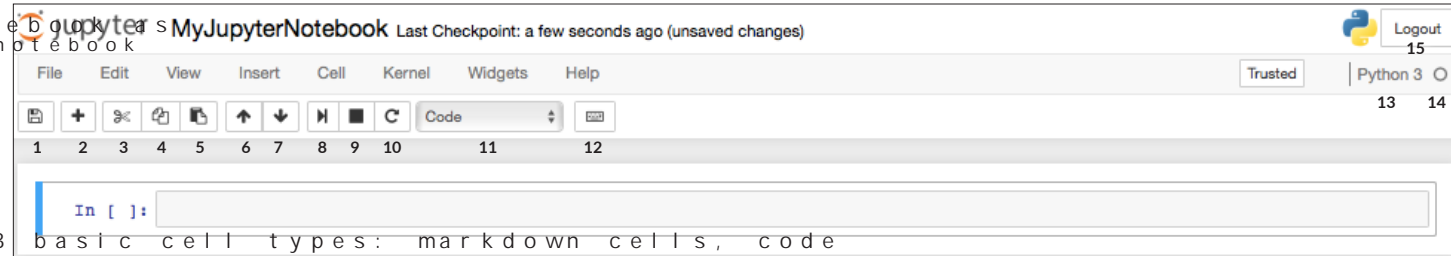
You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

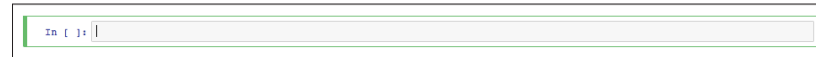
You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

You can use them to build interactive, synchronize stateful and stateless models in a scalable way.

Command Mode



Edit Mode



Executing Cells

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

Run current selected cell(s) and create a new one below

1. Save and checkpoint
2. Insert cell below
3. Cut cell
4. Copy cell(s)
5. Paste cell(s)
6. Move cell up
7. Move cell down
8. Run current cell
9. Interrupt kernel
10. Restart kernel
11. Display character
12. Open command palette
13. Connect kernel
14. Kernel status
15. Log out from notebook

Asking For Help

Walk through a UI tour

List of built-in shortcuts

Notebook help topics

Information on unofficial Jupyter Notebook extensions

Python help topics

NumPy help topics

SciPy help topics

SymPy help topics

About Jupyter Notebook

About Jupyter Notebook

About Jupyter Notebook

About Jupyter Notebook

DataCamp

Learn Python for Data Science Interactively

