Python For Data Science Cheat Sheet

Jupyter Notebook





Saving/Loading Notebooks



Restart kernel & run

Restart kernel ..

Restart kernel & run

Hestart & Hun All Restart & Clear Output

Connect back to a clear all output

> models in use . state of all widget Download serialized

Download Widget State Embed Widgets Save Notebook with Widgets

widgets **Embed current** widgets with interactive Save notebook

remote notebook

Installing Jupyter Notebook will automatically install the IPython kernel

... Interrupt kernel

Interrupt kernel

like the notebooks. There are three main kernels:

IP[y]

IJ

Kernels provide computation and communication with front-end interfaces

Working with Different Programming Languages

Widgets

Notebook widgets provide the ability to visualize and control changes

in your data, often as a control like a slider, textbox, etc.

synchronize stateful and stateless information between Python and

You can use them to build interactive GUIs for your notebooks or to

JavaScript.

running any scripts Close notebook & stop Preview of the printed Close and Halt Print Preview Download as Irusted Noteboo - IPython notebook as - HTML Markdown Python

Command Mode:

Change kerne

- Run other installed

kernels

💭 JUPYTET - MyJupyterNotebook Last Checkpoint: a few seconds ago (unsaved changes)

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

cells, and raw NBConvert cells.

- reST - LaTeX - PDF

19

* 2

> ¥ Cell

4> Help

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8 9

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11

3 4 ß F

Edit

View ā ÷ Insert +

Kernel

Widgets

Trusted

Python 3 O 13 14

Writing Code And Text

Cut currently selected cells

Executing Cells

cursor position clipboard to current

Copy cells from

In []: [

Edit Mode:

:[] aI

clipboard below

Paste cells from

current cell

and create a new one Run current cells down Run selected cell(s) Cell Kernel Run Cells and Select Below Run Cells Widgets and create a new one below Run current cells down

Run all cells above the Run All Above Run All Run All Below Run all cells the current cell Run all cells below

Run Cells and Insert Below

all output scrolling and clear

with the one above Merge current cell ...

Move Cell Up

Move current cell with the one below Merge current cel

current cell

toggle, toggle

Change the cell type of

Cell Type

Current Output:

current cursor

Split up a cell from

Move current cell up :

underlying the

Adjust metadata

Edit Notebook Metadata Move Cell Down . . . Merge Cell Below • • • Merge Cell Above Split Cell

current notebook

Cut Cell Attachments

Paste attachments of

Insert Image

Paste Cell Attachments Copy Cell Attachments

current cell Copy attachments of

..Insert image in

selected cells

attachments Remove cell ...

current one

Add new cell above the

Insert Cell Above

current one

Add new cell below the

in cells

Attachments

Insert Cell Kern Insert Cell Below **

Insert Cells

invocation Revert "Delete Cells of current cel

Delete Cells

Paste Cells & Replace Paste Cells Below

Delete current cells

clipboard on top Paste cells from

Copy Cells

VIEW

Paste Cells Above

current cell clipboard above Paste cells from to clipboard

logo and filename Toggle display of Jupyter Toggle Header Cell action icons:

in selected cells Find and replace

loggle display of toolbar None

View Cells

Toggle line numbers Toggle Toolbar Cell Toolbar Toggle Line Numbers Edit metadata

Walk through a UI tour

Asking For Help

8. Run current cell 7. Move cell down Move cell up Paste cell(s) below 4. Copy cell(s) Cut cell Insert cell below Save and checkpoint

12. Open command palette

 Display characteristics Restart kernel

Current kernel

14. Kernel status

Log out from notebook server

Interrupt kernel

Edit the built-in keyboard shortcuts

 scrolling and clear current outputs toggle, toggle in notebook NumPy help topics Python help topics

markdown available Description of User Interface Tour Help Jupyter-contrib nbextensions Markdown Edit Keyboard Shortcuts Keyboard Shortcuts shortcuts . unofficial Jupyter .. Notebook help topics List of built-in keyboard Information on

Toggle display of cell Raw cell format Slideshow Pandas help topics Matplotlit SymPy

Matplotlib help topics...

NumPy

SciPy **IPython** Python

Q Q Q

SciPy help topics

IPython help topics

.... SymPy help topics

About Jupyter Notebook

Q

Notebook extensions



DataCamp

