

# Jupyter Basics Cheatsheet | Part 1

## Modes

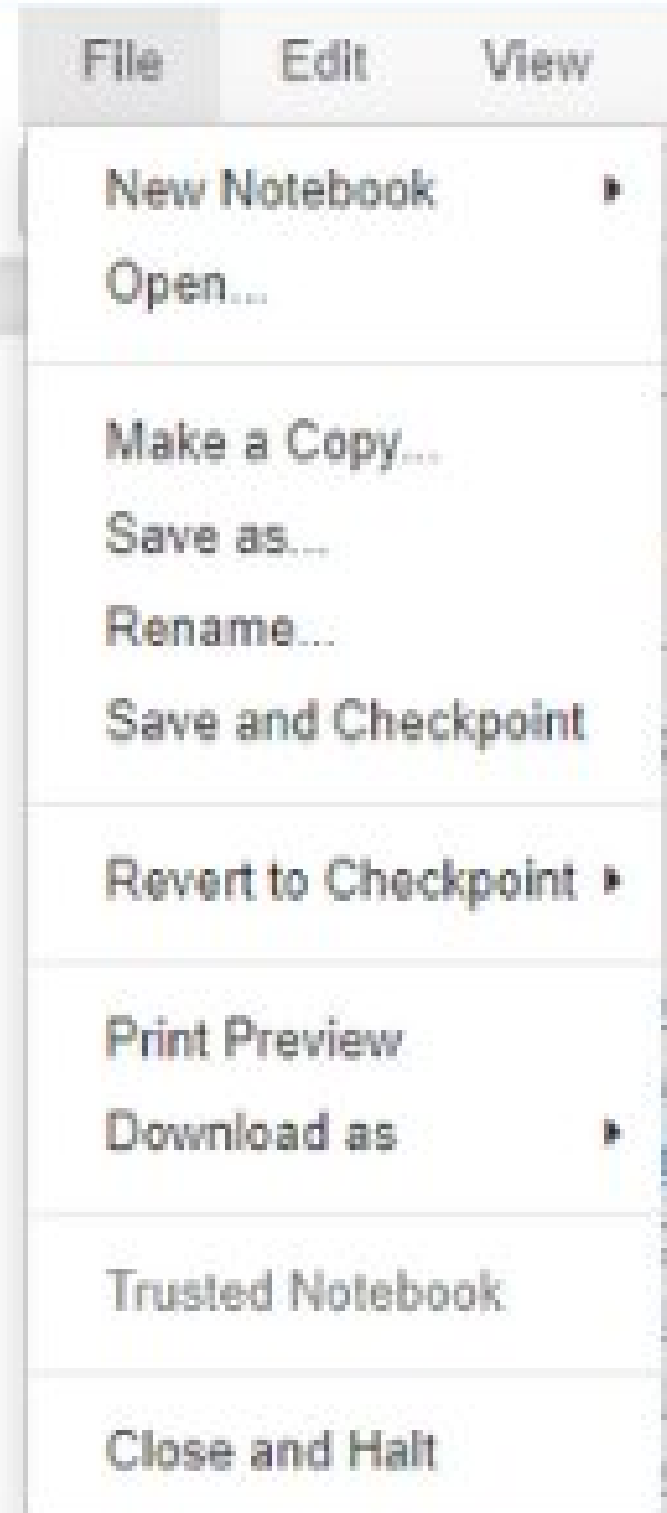
- Command Mode
- Edit Mode

## Help


Help > Keyboard Shortcuts

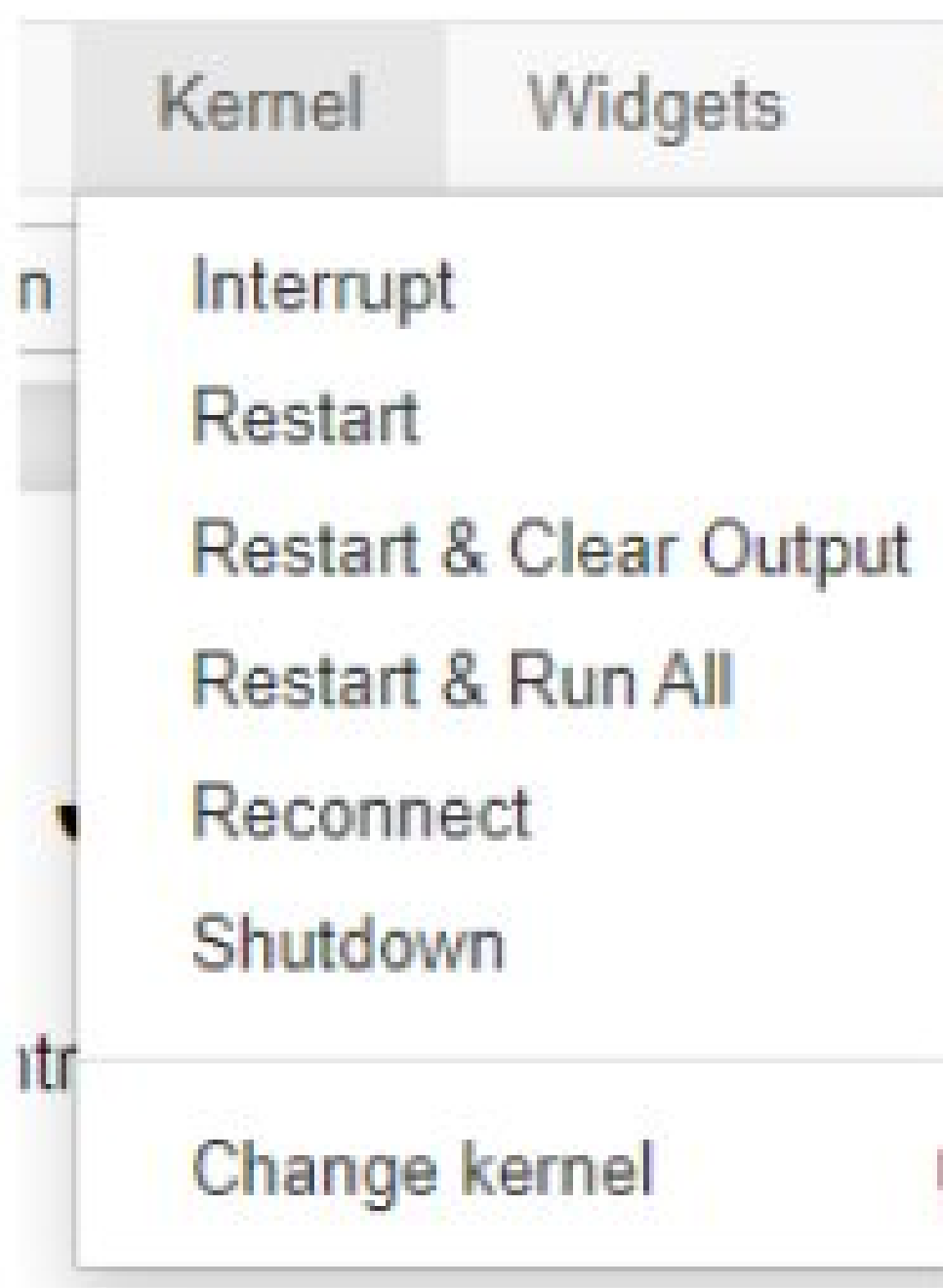
## Saving/Loading Files

- Create new notebook
- Open existing notebook
- Make a copy of current notebook
- Rename notebook
- Save current notebook & record checkpoint
- Revert notebook to a previous checkpoint
- Preview of the printed notebook
- Download notebook
- Close notebook & stop running any scripts



## Working with Different Programming Languages

- There are three main kernels:
- IJ**  **R** **IP[y]**:
- Interrupt kernel
  - Restart kernel
  - Interrupt kernel & clear all output
  - Restart kernel & run all cells
  - Connect back to a remote notebook
  - Restart kernel & run all cells
  - Run other installed kernels

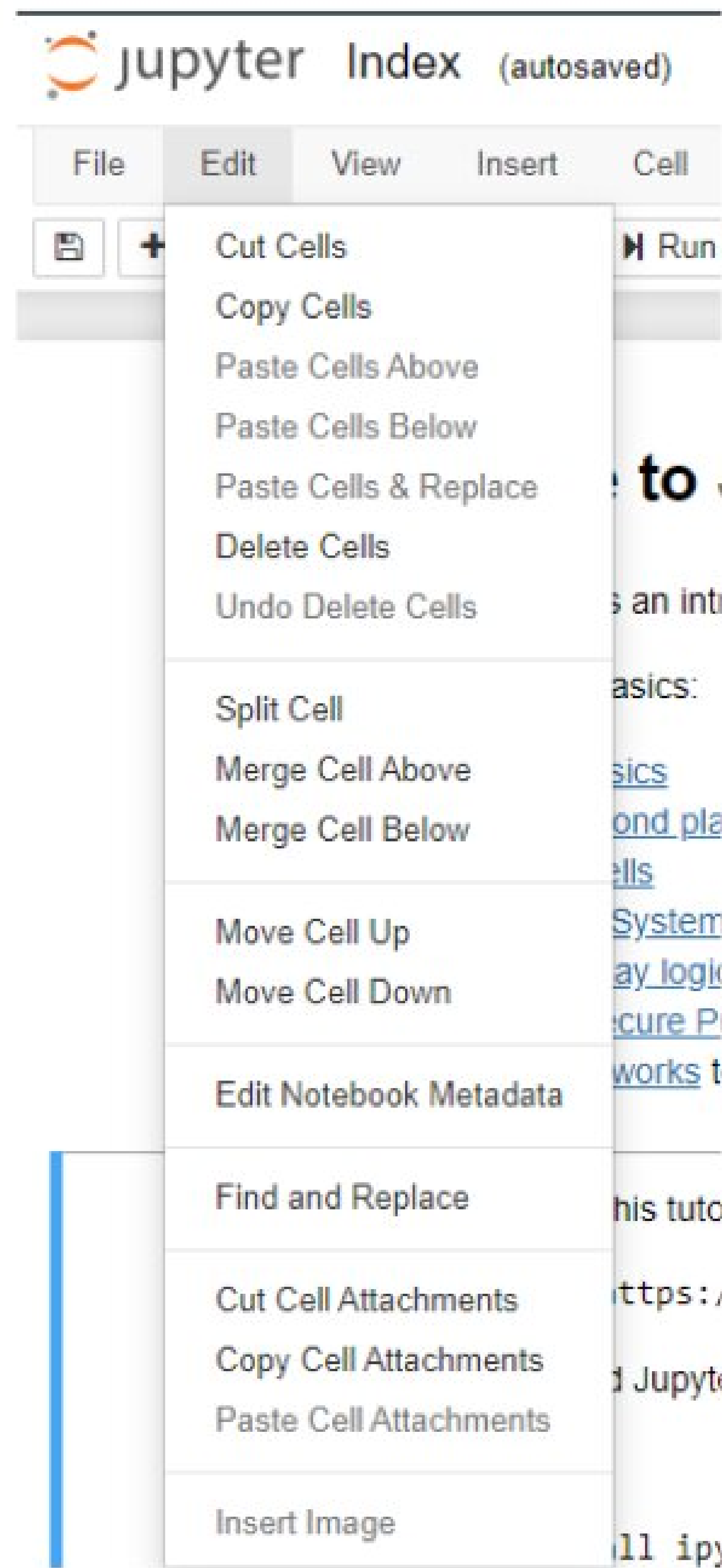


## Writing Code And Text

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
- Copy cells from clipboard to current cursor position
- Paste cells from clipboard above current cell
- Paste cells from clipboard below current cell
- Paste cells from current cell clipboard on top of current cells
- Delete current cells
- Revert "Delete Cells" invocation
- Split up a cell from current cursor position
- Merge current cell with the one above
- Merge current cell with the one below
- Move current cell up
- Move current cell down
- Adjust metadata underlying the current notebook
- Find and replace in selected cells
- Remove cell attachments
- Copy attachments of current cell
- Paste attachments of current cell
- Insert image in selected cells



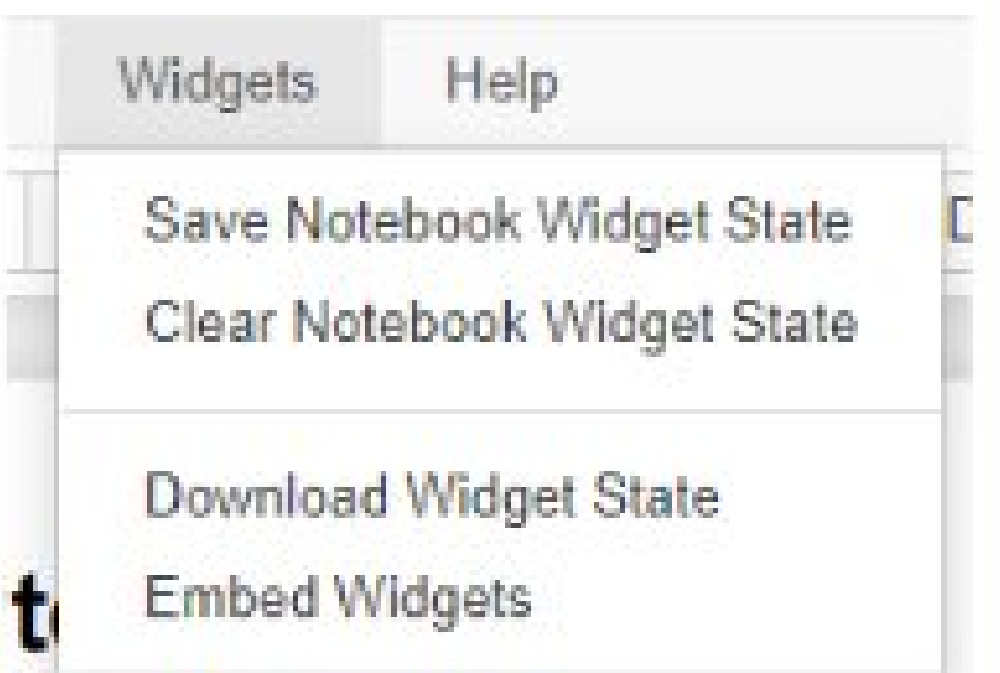
## Insert Cells

- Add new cell above the current one
- Add new cell below the current one



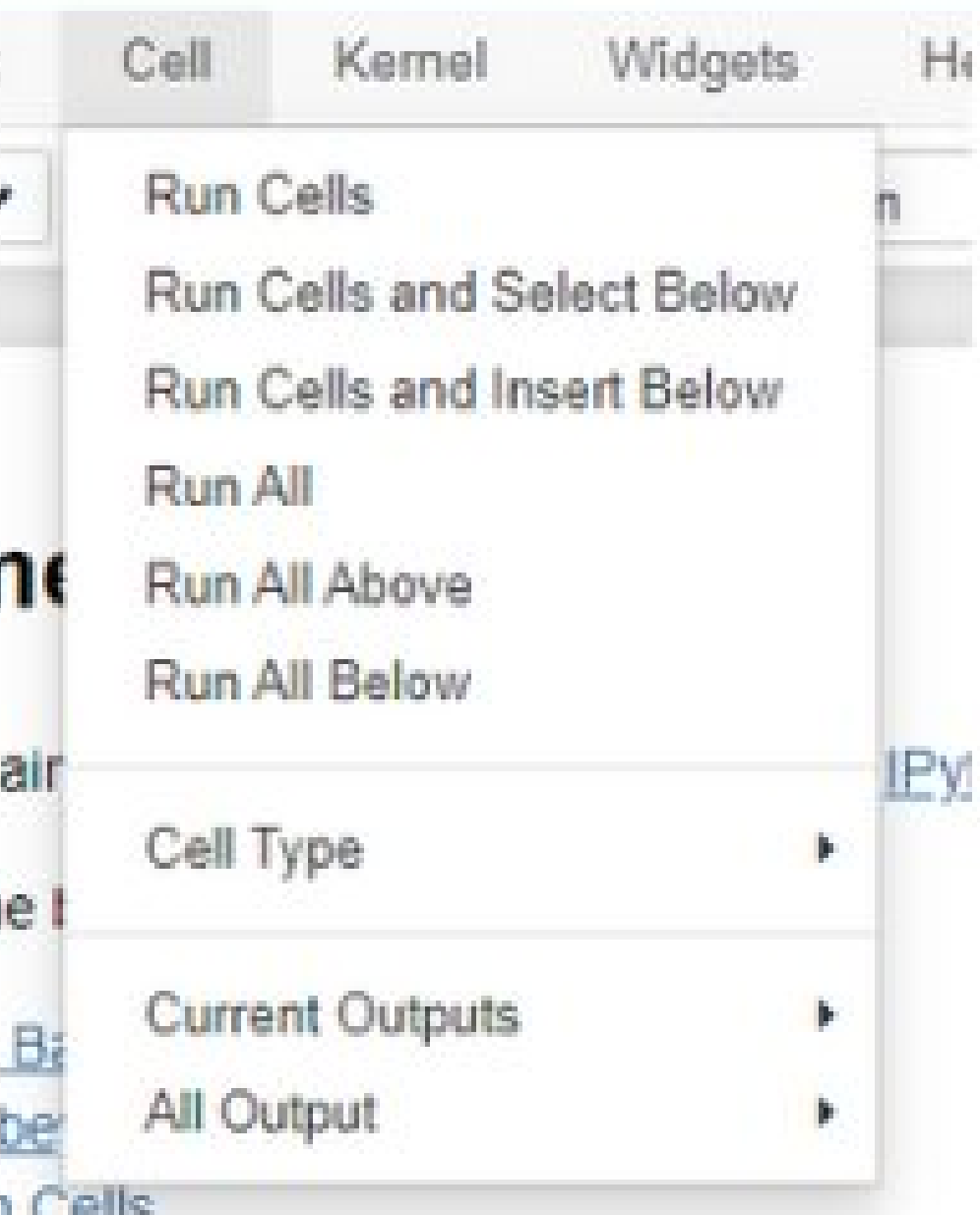
## Widgets

- Download serialized state of all widget models in use
- Save notebook with interactive widgets
- Embed current widgets



## Executing Cells

- Run selected cell(s)
- Run current cells down and create a new one below
- Run current cells down and create a new one above
- Run all cells
- Run all cells above the current cell
- Run all cells below the current cell
- Change the cell type of current cell
- toggle, toggle scrolling and clear current outputs
- toggle, toggle scrolling and clear all output



## View Cells

- Toggle display of Jupyter logo and filename
- Toggle display of toolbar
- Toggle line numbers in cells
- Toggle display of cell action icons:
  - None
  - Edit metadata
  - Raw cell format
  - Slideshow
  - Attachments
  - Tags

