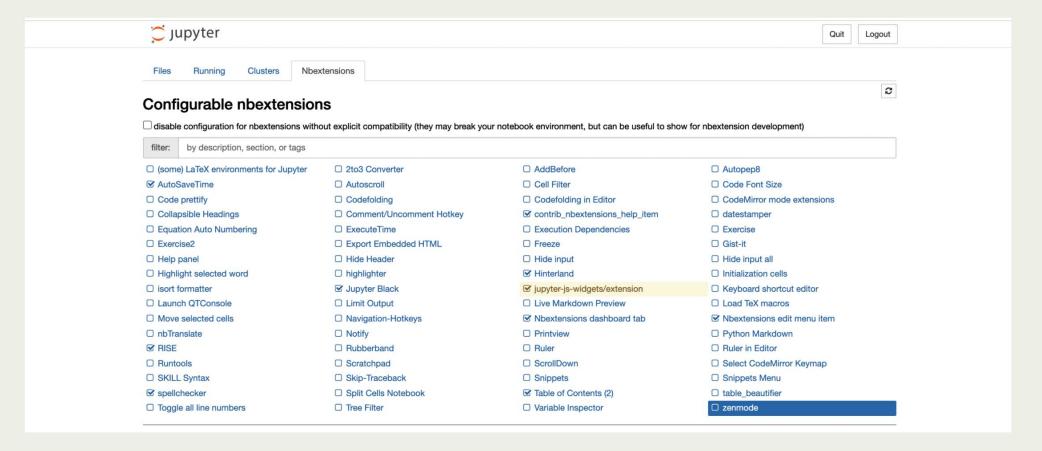
# Enhancing your productivity with Jupyter Notebook

Hsinhan Lin 14/03/2022 @Becode

## **Extension**

- \$ pip install jupyter\_contrib\_nbextensions
  \$ jupyter contrib nbextension install

#### Extension



## Autocompletion

- Hinterland
- jupyter-tabine

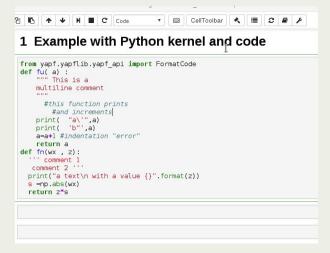


#### jupyter-tabine Installation

```
pip3 install jupyter-tabnine --user
jupyter nbextension install --py jupyter_tabnine --user
jupyter nbextension enable --py jupyter_tabnine --user
jupyter serverextension enable --py jupyter_tabnine --user
```



### **Code formatter**



- Jupyter-black
- Autopep8
- Code Prettifier (yapf)



### **Code formatter**

• Jupyter-black

```
pip install black
jupyter nbextension install https://github.com/drillan/jupyter-black/archive/master.zip --user
jupyter nbextension enable jupyter-black-master/jupyter-black
```

• Autopep8

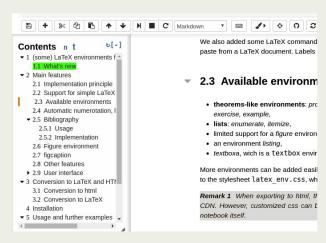
pip install autopep8

Code Prettifier

pip install yapf

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#### source

- <u>Unofficial Jupyter Notebook Extensions doc</u>
- 12 Jupyter Notebook Extensions That Will Make Your Life Easier

### Presentation

Rise extension

```
pip install RISE
jupyter-nbextension install rise --py --sys-prefix
```

# Magic function

```
In []: # terminal
%pip install numpy -q

In [35]: # py file
%run say_hi.py

hello
```



```
In []: # use %store to pass variable
%store df #step_1.ipynb
%store -r df #consume your variable
```

# More about magic function

• jupyter magic function



## Summarize

- Usage of Jupyter extensions
- Magic function %