

## Uses of Python Scripts (.py files)

### Uses of Python scripts

- To build reusable functions (as shown in the prior videos)
- More convenient to run Python scripts
  - Examples:
    - Running a script automatically every 4 hours on the cloud to scrape comments off a forum
    - Running your trading system by connecting to broker
- To build object classes (more on this later!)

## Uses of Jupyter Notebook AKA iPython Notebooks (.ipynb files)

Does this mean the Jupyter notebooks that we use aren't useful? Nope. Jupyter notebooks have their own uses:

- Easy to edit and code
- Easy to output the results of every part of the code
- Charts appear on the spot. Able to edit them and have many plots at the same time
- Easy to rearrange cells (i.e. your code)

### Summary

Long story short, scripts are meant for running fixed programs, Jupyter notebooks are meant for analysis.

If you are executing an automated program or building reusable code, use py files.

If you are doing trading research and data analysis on the spot, ipynb is the better choice.