Welcome to Jupyter!

This repo contains an introduction to [Jupyter](#) and [IPython](#).

Outline of some basics:

- [Notebook Basics](#)
- [IPython - beyond plain python](#)
- [Markdown Cells](#)
- [Rich Display System](#)
- [Custom Display logic](#)
- [Running a Secure Public Notebook Server](#)
- [How Jupyter works](#) to run code in different languages.

You can also get this tutorial and run it on your laptop:

```
git clone https://github.com/ipython/ipython-in-depth
```

Install IPython and Jupyter:

with [conda](#):

```
conda install ipython jupyter
```

with pip:

```
# first, always upgrade pip!
pip install --upgrade pip
```

```
    pip install --upgrade ipython jupyter
```

Start the notebook in the tutorial directory:

```
    cd ipython-in-depth
    jupyter notebook
```

In [1]:
```
!pip install lxml
!pip install html5lib
```

```
Collecting lxml
  Downloading lxml-4.5.2-cp36-cp36m-manylinux1_x86_64.whl (5.5 MB)
     |████████████████████████████████| 5.5 MB 3.6 MB/s eta 0:00:01
Installing collected packages: lxml
Successfully installed lxml-4.5.2
Collecting html5lib
  Downloading html5lib-1.1-py2.py3-none-any.whl (112 kB)
     |████████████████████████████████| 112 kB 3.5 MB/s eta 0:00:01
Requirement already satisfied: webencodings in /srv/conda/envs/noteboo
k/lib/python3.6/site-packages (from html5lib) (0.5.1)
Requirement already satisfied: six>=1.9 in /srv/conda/envs/notebook/li
b/python3.6/site-packages (from html5lib) (1.15.0)
Installing collected packages: html5lib
Successfully installed html5lib-1.1
```

In [2]:
```
import pandas as pd
import numpy as np
```

In [ ]: