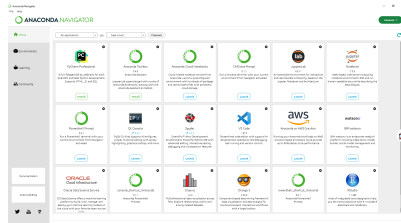# Environment

▾ Install Anaconda with Python

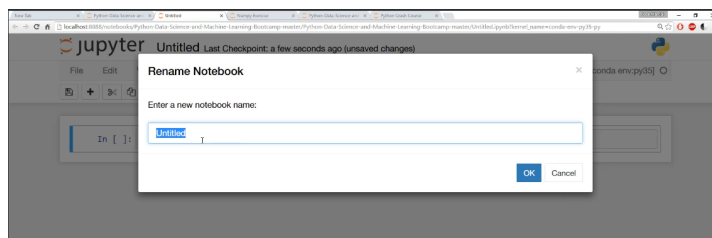- Not just for Python. it has all the libraries

- Jupyter Development environment - Write Code, Display Images, markdown notes

▾ Other Environements

- PyCharm

- Visual Studio Code

- Sublime Text

▾ Jupyter Overview

- Create a New Notebook
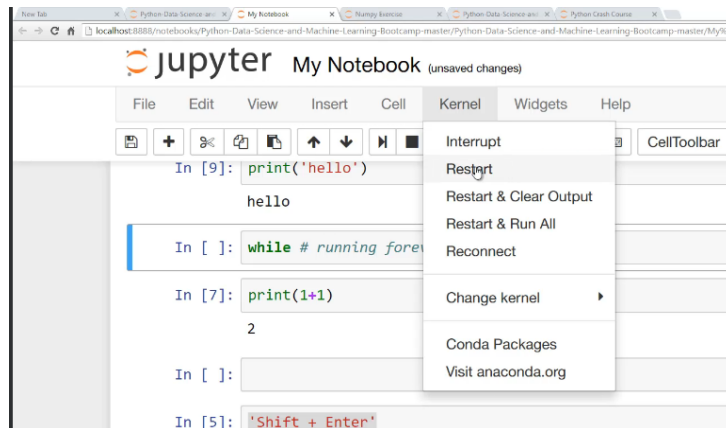
- You can retitle the notebooks

- Code Cell

- Shift+Enter - Run the code cell
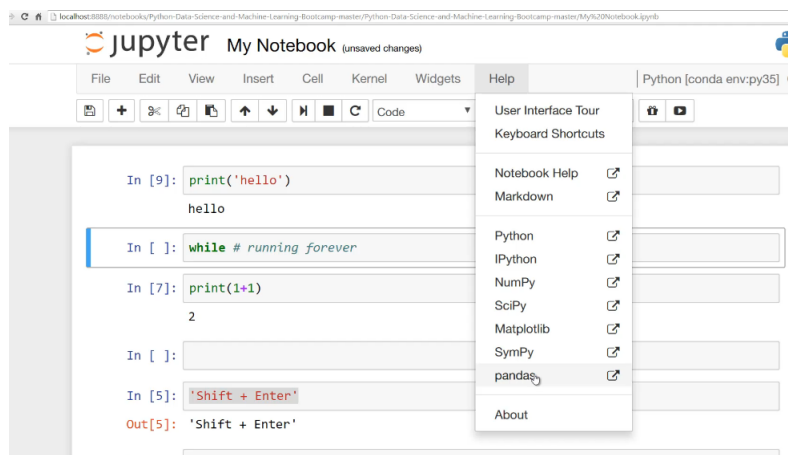

- Alt+Enter - New Code cell

- Ctrl+S - Save

- Restart Kernel when Python Crash/any issues with Python
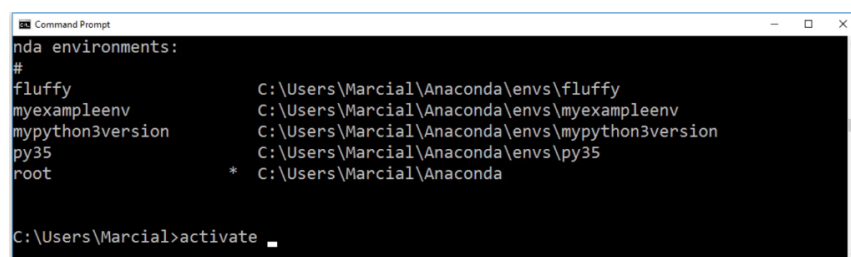

- Help on Libraries + keyboard Shortcuts

▼ Virtual Environment -http://conda.pydata.org/docs/using/envs.html

- Allow you to create virtual installation of Python and lib on you computer

- You can have multiple versions of python or libraries and easily activate or deactivate these environments

- Why Virtual Environment?

  - Sometimes you'll want to program in different versions of a library.
  - For example:
    - You develop a program with SciKit-Learn 0.17
    - SciKit-Learn 0.18 is released
    - You want to explore 0.18 but don't want your old code to break