Ipython - Improved Python

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ipython

Python Interactively

- Python is an interpreted language you can write and run code interactively
- Just try typing python at the Terminal

```
shankar *

$ python

Python 3.6.0 |Anaconda 4.3.1 (64-bit)| (default, Dec 23 2016, 12:22:00)

[GCC 4.4.7 20120313 (Red Hat 4.4.7-1)] on linux

Type "help", "copyright", "credits" or "license" for more information.

>>>
```

Python interpreter

- Can write and run code directly here
- Doesn't offer some things that are very useful
 - No autocompletion
 - Debugging when there are errors
 - Reading documentation or help from functions
- There is a better way by using ipython just another interpreter with some useful benefits

ipython

- There is a lot of functionality read the Documentation
- Helpful Commands:
 - Use tab for autocompletion works by default
 - object? print details/help about an object
 - %run script run your Python script
 - %debug enter debugging after a crash
- Using ipython and an editor gives you everything needed to write and run Python code