

## Topics that will be covered

- Configuring Python 3
- Shell commands, i.e. execute commands from console and access desktop via the terminal
- From console create Python scripts and run them in terminal
- Basic Python concepts such as creating variables, inputs, message box/alerts, lists, conditions & loops

## Configure Python (Try Completing this before class)

Open up the console and Enter **conda --version** which should display the version of Anaconda install as shown below.

conda version should be higher than 4.3.0

Enter **python --version** which should display the version of Python install as shown below

Python version should be higher than 3.6.0

```
[Vikass-MBP:~ Vikas$ conda --version
conda 4.3.30
[Vikass-MBP:~ Vikas$ python --version
Python 3.6.3 :: Anaconda, Inc.
Vikass-MBP:~ Vikas$ ]
```

- Enter **conda create -n PythonData python=3.6 anaconda** to create a virtual environment. This will time take to complete. Once complete use the command **source activate PythonData** to activate the environment. When **(PythonData)\$** appears, this means you are in the environment.

- Now make sure you have correct version of Python by entering **python --version**

Lastly, show that you can exit the environment by entering

**source deactivate**

A good link to start is official python site [Python.org](https://www.python.org)