**Install Anaconda**

[Anaconda Download](https://www.anaconda.com/download/)

For help, follow the [instructions]

[Anaconda installation instruction](http://pythonforundergradengineers.com/installing-anaconda-on-windows.html)

Start with Anaconda

- Open conda prompt from windows start menu

- check available environments

- conda info --envs

- create new environment (pythonML)

- conda create -n pythonML python=3.5

- activate pythonML

- activate pythonML

- open jupyter notebook from the pythonML

- jupyter notebook

**Instructions**

- open anaconda prompt

- On conda command prompt try the command in next cell one by one for following

- check how many environment you have

- creating new environment, say pythonML

- activate pythonML environment

- install package nb\_conda

- install package from conda command prompt pandas, sklearn, matplotlib

- open jupyter notebook

- install package from jupyter notebook cell

- ! pip install package\_name

**Working with Conda command prompt**

- $conda info --envs

- $conda create -n pythonML python=3.5

- $activate pythonML

- $deactivate pythonML

- $conda install nb\_conda

- $conda install pandas

- $conda install sklearn

- $conda numpy

- $conda install matplotlib

- $jupyter notebook

- ! pip install matplotlib

- ! pip install pandas

- ! pip install sklearn

- $conda install sklearn

- $conda numpy

- $conda install matplotlib

- $jupyter notebook

- ! pip install matplotlib

- ! pip install pandas

- ! pip install sklearn

**Jupyter notebook**

**Start jupyter notebook**

- start menu, select jupyter notebook

- conda command prompt, $ jupyter notebook

# Operating jupyter notebook shortcuts

- esc + b for adding a new cell below the current cell

- esc + a for adding a new cell above the current cell

- esc + m to get the cell in markdown mode

- esc + d + d to delete a current cell

- ![title1](path of file) to add a image to the current cell

- shift + enter to run the current cell and move to next cell

- ctrl + enter to run the current cell

**Intellij**

* Open an existing folder as intellij project
* Check the folder change in the background
* Create one .py file with a few prints lines
* Run the above file
* Configure parameters and SDK for the above project
* Run the project

**Github**

* Create github account
* Install github desktop

[**Top 10 role in AI and Data Science**](https://hackernoon.com/top-10-roles-for-your-data-science-team-e7f05d90d961)