Machine Learning Circle

Session II

Introduction to Python

Installation and Setup

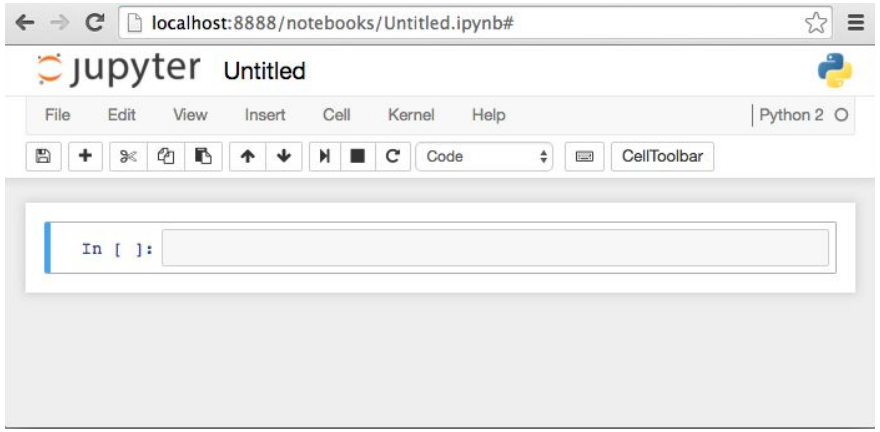
1. Install Python3
   https://www.python.org/downloads/

2. Install Anaconda (for Jupyter Notebook)
   https://www.anaconda.com/distribution/
   (Version for the two must be same in order to be compatible)

How to open the Jupyter Notebooks? (Steps to follow)

1. First open up your Command Prompt (search for **cmd** on a Windows machine) or if you are on a Mac use your terminal (Spotlight search for **terminal**).
2. Next in you terminal/command prompt type **pwd** and press enter (this will print your working directory)
3. Take note of what file directory was displayed, this is where you should save your **.ipynb** files (or a folder containing your **.ipynb** files)
4. Once your **ipynb** files or folder containing the files is in the location displayed from the **pwd** step go back to your terminal and type **jupyter notebook** and press Enter.
5. After Step 4 you should have a browser tab open up with the Jupyter Notebook system running inside of it.
6. Click on your Notebook (or go to your folder of Notebooks) displayed in the Jupyter Notbeook and it will open in a new tab with the Notebook you selected.
7. You should now have successfully opened a Notebook file.

It does not require Internet Connection to work.
Result displayed simultaneously.



What is Python?

Python is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991.

RESOURCES:

- https://www.coursera.org/learn/python-for-applied-data-science-ai
- https://towardsdatascience.com/python-for-data-science-from-scratch-part-i-390f01d91748
- https://medium.com/explore-artificial-intelligence/python-a-journey-from-being-a-beginner-to-an-expert-part-1-c2dee719ba2d

TASK:

- Complete course of python.
- Read Blogs about python.