Getting Started with DataHack Hour

Machine Configuration

If you are serious about data science, you should have a machine with at least the following configuration:

- I5 or i7 processor (i3 will also work, but you will always be at a dis-advantage)
- 8 GB RAM (more is better, but 4GB RAM might work)
- Nvidia graphics card – not necessary from DataHack Hour perspective
- 10 GB or more space on your Hard Disk

Linux or Mac OS is better from Data Science perspective, but any machine with high RAM should work.

Step 1: Install Anaconda

Go to this link (https://www.continuum.io/downloads) and download **anaconda** software. Depending on your OS, you can download for windows, linux or macOS.

Note: You should download python 3.6 version of the installer. Also according to your OS, you should check which installer you would have to download – 32 bit or 64 bit. You can check your PC configurations using this tutorial.

Step 2: Run Jupyter notebook

For windows users:

- Open command prompt
- Navigate to the location where you have unzipped the day2 folder (for example, *cd D:\workspace\AV_DataHackHour\Day2*)
- Type the command written below to open

```
jupyter notebook
```

For linux and macOS users:

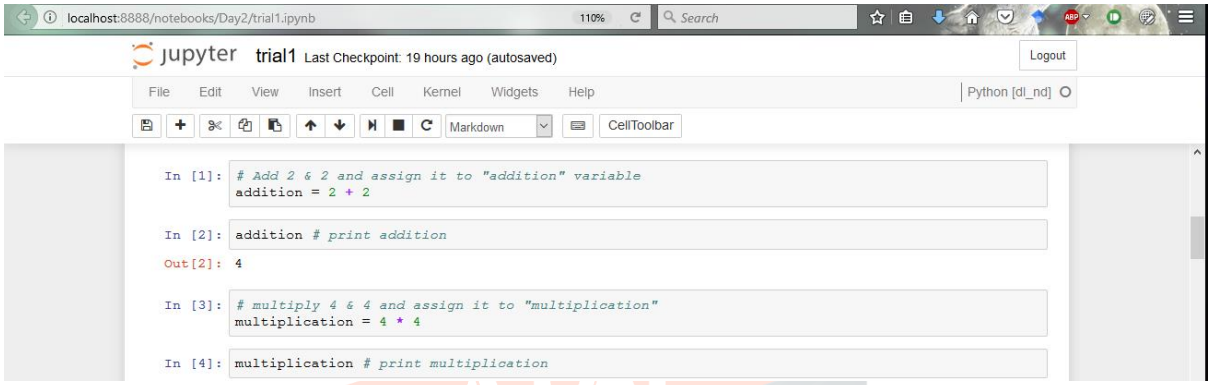
- Navigate to the folder where you have unzipped the day2 folder
- Open terminal and type

```
jupyter notebook
```

The jupyter notebook will open in your default web browser. You can access it alternately at "http://localhost:8888"

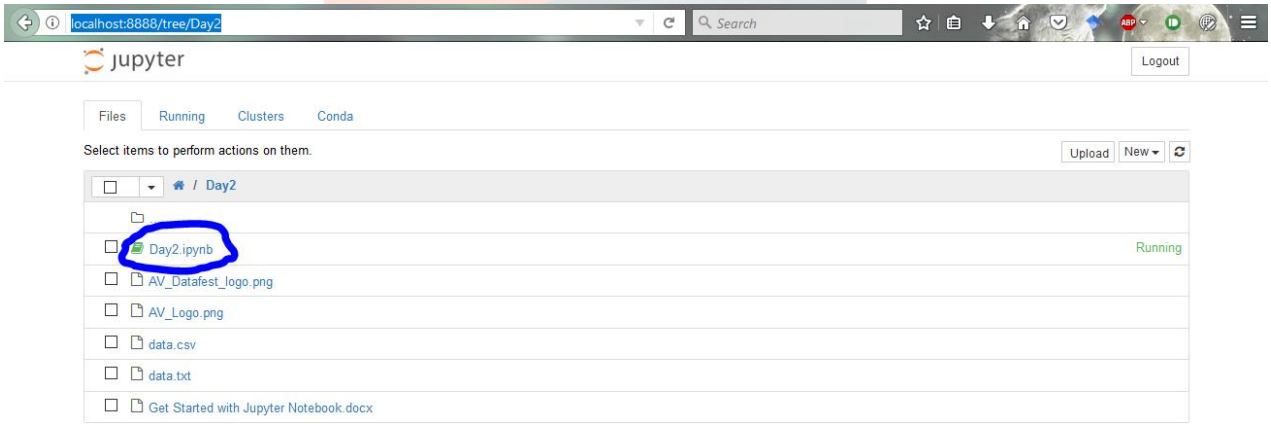
Step 3: Run your first Python script

- Once you have the notebook running, open a New notebook with Python kernel.
- Just type "2+2" and press "shift key+enter key" to see if it is getting evaluated.



You have just run your first python script successfully!

Step 4: Open Day2 jupyter notebook



To open your jupyter notebook, click on the file as shown above.

Description of files provided in zip file

Getting Started with Jupyter notebook.pdf : Readme file

Day2.ipynb : Jupyter notebook

data.csv, data.txt : dataset files