How to make a project in Anaconda

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1. Download Anaconda from this site. https://www.continuum.io/downloads
2. After downloading, install anaconda in your laptop / PC.
3. Once install, go to the installed directory and run "Anaconda Navigator".

Name	Date modified	Type	Size
Anaconda Cloud	4/2/2017 5:29 PM	Shortcut	2 KB
Anaconda Navigator	4/2/2017 5:29 PM	Shortcut	3 KB
Anaconda Prompt	4/2/2017 5:29 PM	Shortcut	3 KB
IPython	4/2/2017 5:29 PM	Shortcut	2 KB
Jupyter Notebook	4/2/2017 5:29 PM	Shortcut	3 KB
Jupyter QTConsole	4/2/2017 5:29 PM	Shortcut	2 KB
Reset Spyder Settings	4/2/2017 5:29 PM	Shortcut	2 KB
Spyder	4/2/2017 5:29 PM	Shortcut	2 KB

4. Click on "Environments".

5. Click on "create

6. Enter a name for new environment and click on "create". Keep Python version 3.6 and python checked.
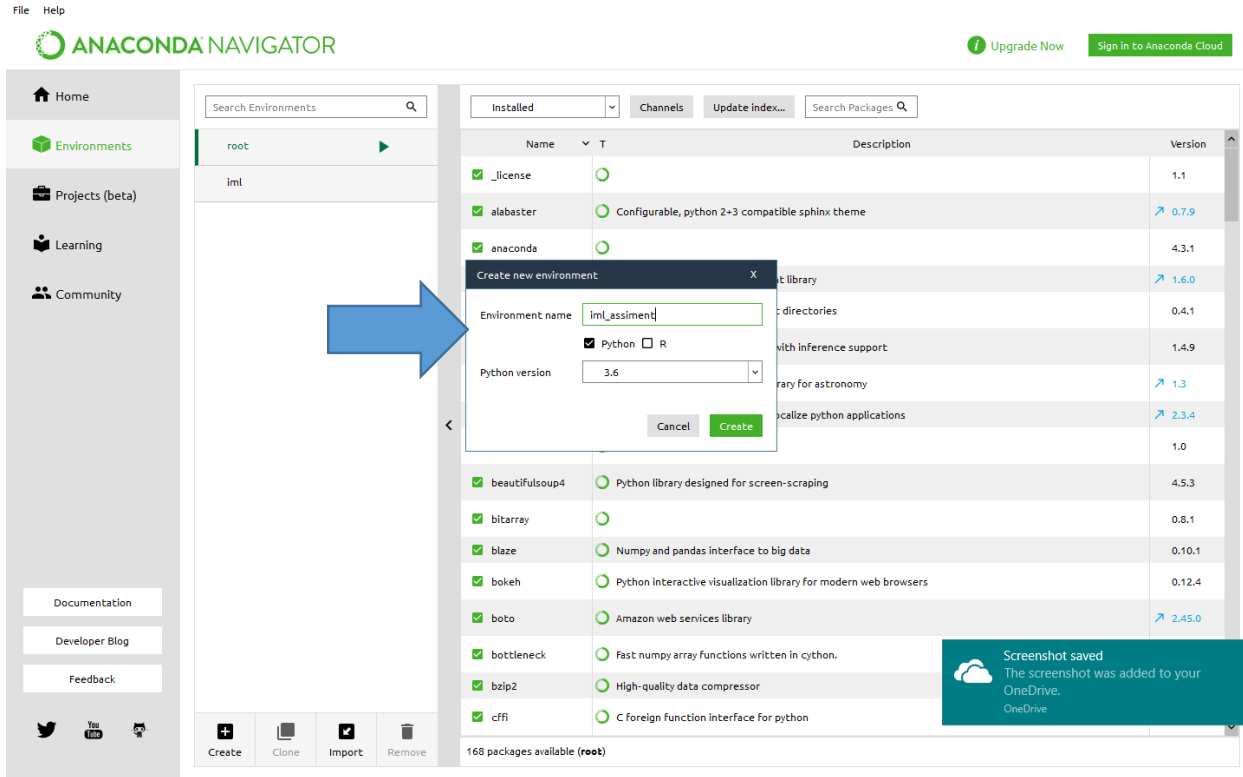
7. Wait until it creates environment.
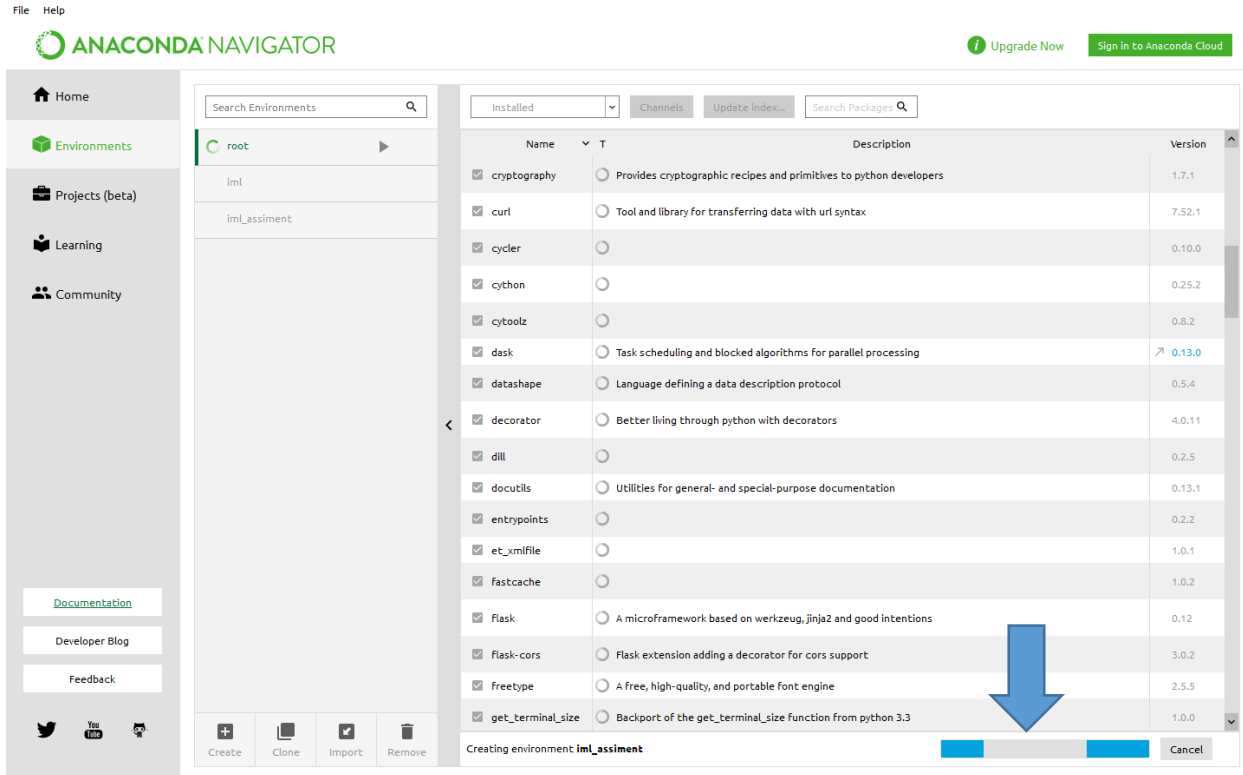
8. Once environment is created it will look like this.
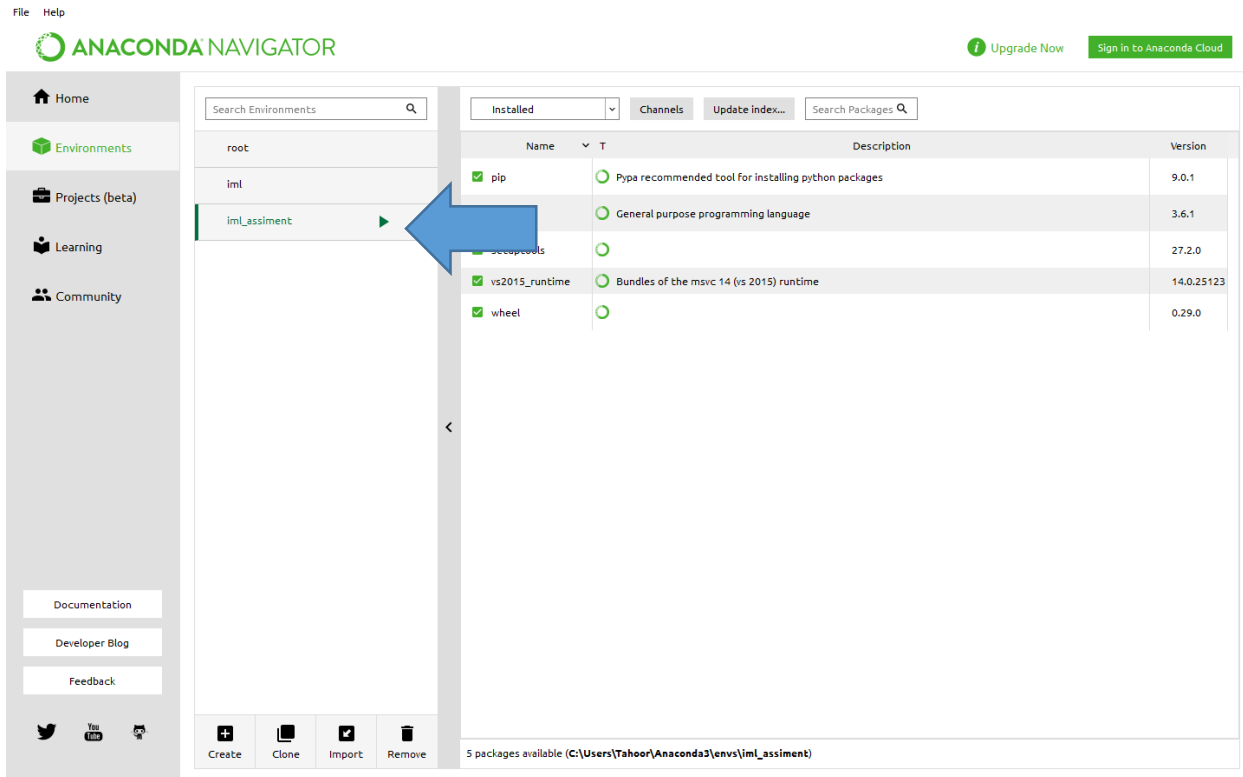
9. Now download following packages
   a. jupyter
   b. Numpy
   c. Pandas
   d. Seaborn
   e. Matplotlib
   f. Scikit-learn
10. To download these package first select "All" from the dropdown menu.

11. Now search the packages in "Anaconda" one by one and select them for install. After all packages are selected press "apply" to install them all.

ANACONDA NAVIGATOR

Upgrade Now   Sign in to Anaconda Cloud
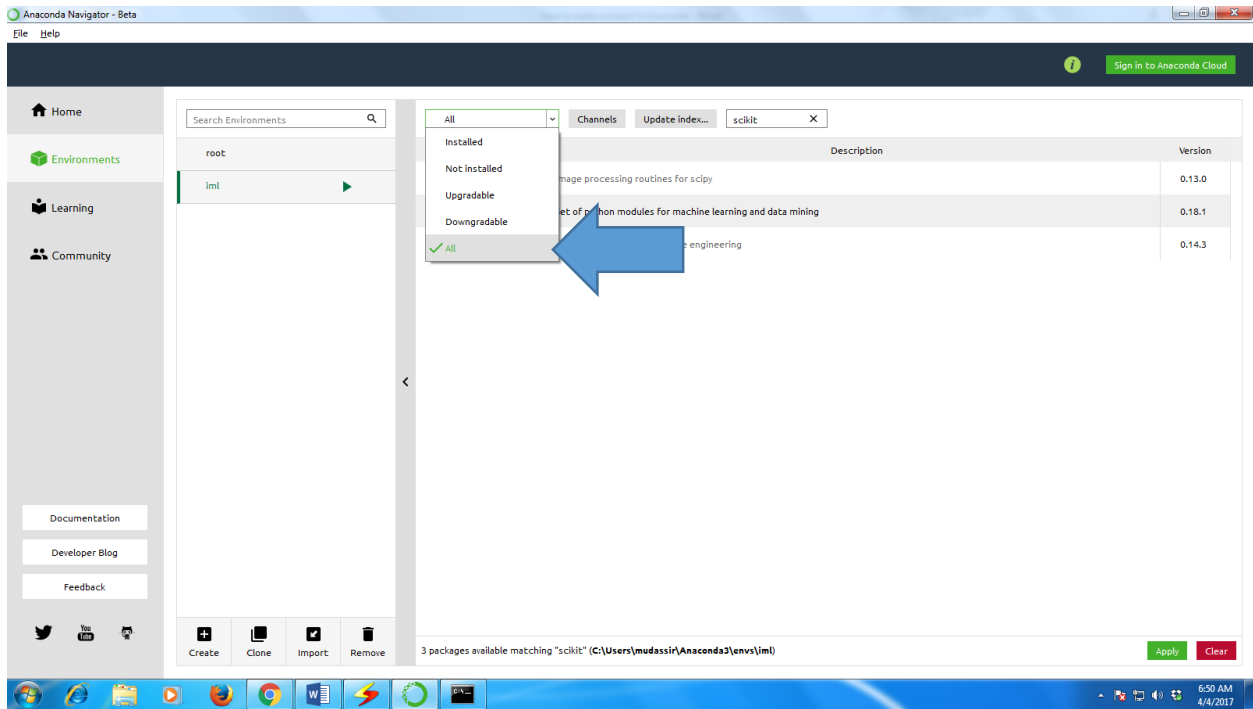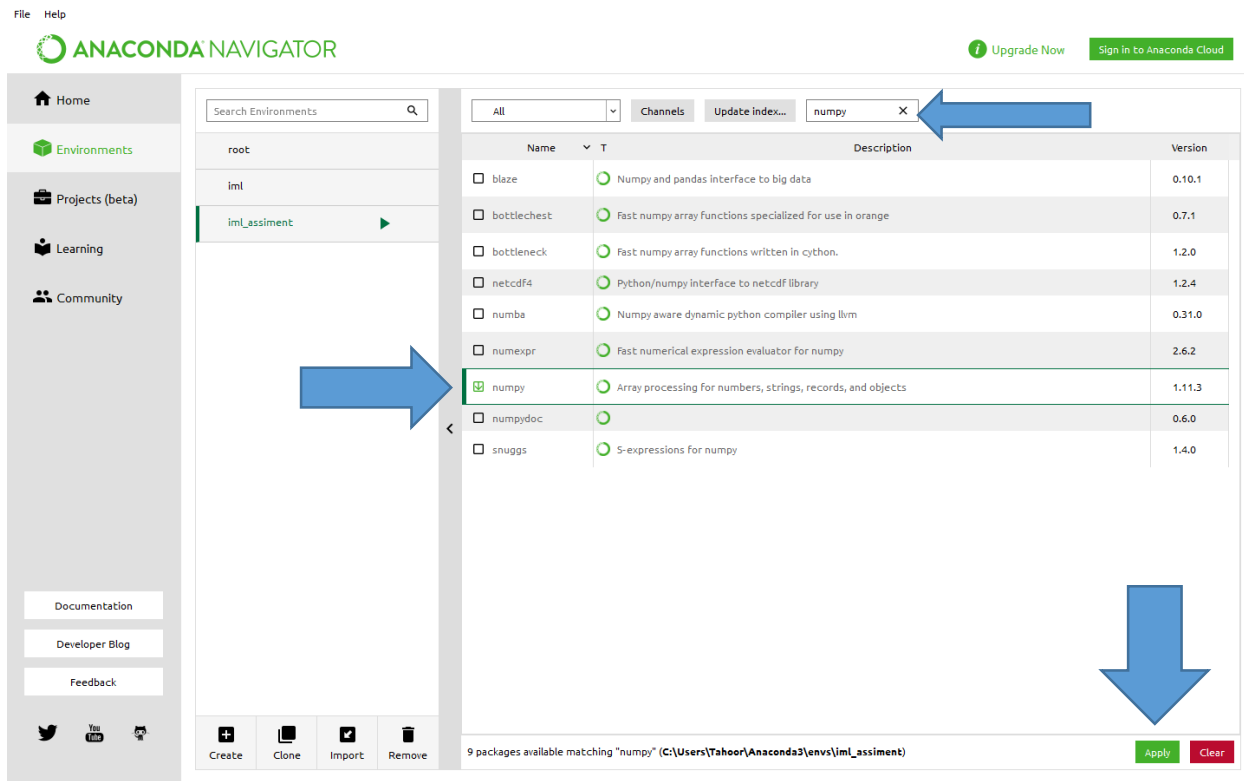
- Home
- Environments
- Projects (beta)
- Learning
- Community

Search Environments

| root |
| iml |
| iml_assiment ▶ |

All ▾   Channels   Update index...   pandas ✕

	Name ▾	T	Description	Version
☐	blaze	○	Numpy and pandas interface to big data	0.10.1
☑	pandas	○	Powerful data structures and data analysis tools	0.19.2
☐	pandas-datareader	○	Data readers extracted from the pandas codebase	0.2.1
☐	pandasql	○	Sqldf for pandas	0.7.3

Create   Clone   Import   Remove

4 packages available matching "pandas" (**C:\Users\Tahoor\Anaconda3\envs\iml_assiment**)

Apply   Clear

Documentation

Developer Blog

Feedback

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Search Environments

| root |
| iml |
| iml_assiment ▶ |

All ▾   Channels   Update index...   seaborn ✕

	Name ▾	T	Description	Version
☑	seaborn	○	Statistical data visualization	0.7.1

Create   Clone   Import   Remove
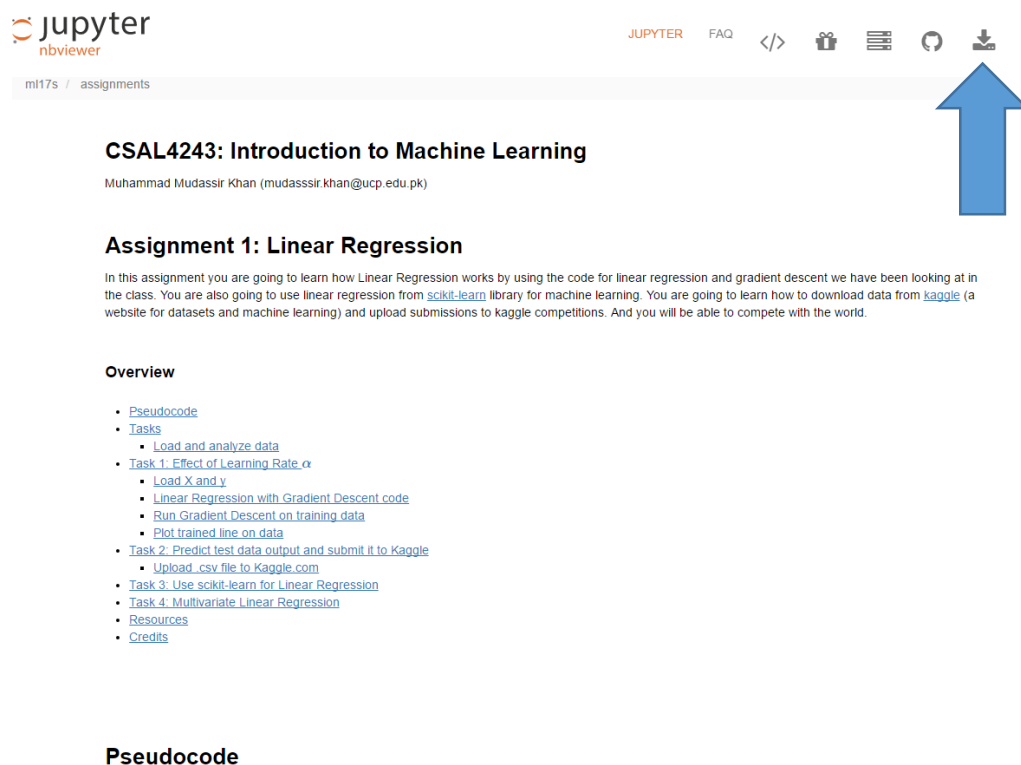
1 package available matching "seaborn" (**C:\Users\Tahoor\Anaconda3\envs\iml_assiment**)

Apply   Clear

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Downloading Assignment data.

12. Now create an account on "kaggle". https://www.kaggle.com/
13. After creating account, open this link https://www.kaggle.com/c/house-prices-advanced-regression-techniques/data and download the following files.
    a. train.csv.
    b. test.csv.
    c. data_description.txt.
    d. sample_submission.csv.gz.

14. Now download the assignment from this link.
    http://nbviewer.jupyter.org/github/w4zir/ml17s/blob/master/assignments/assignment01-regression.ipynb
    To download assignment click on "download sign".

NOTE: KEEP ASSIGNMENT AND ALL FILES DOWNLOADED IN SAME FOLDER.

15. After downloading assignment data and installing all packages, now go back to "Anaconda" and click on the environment you created above and select "Open with jupyter notebook".
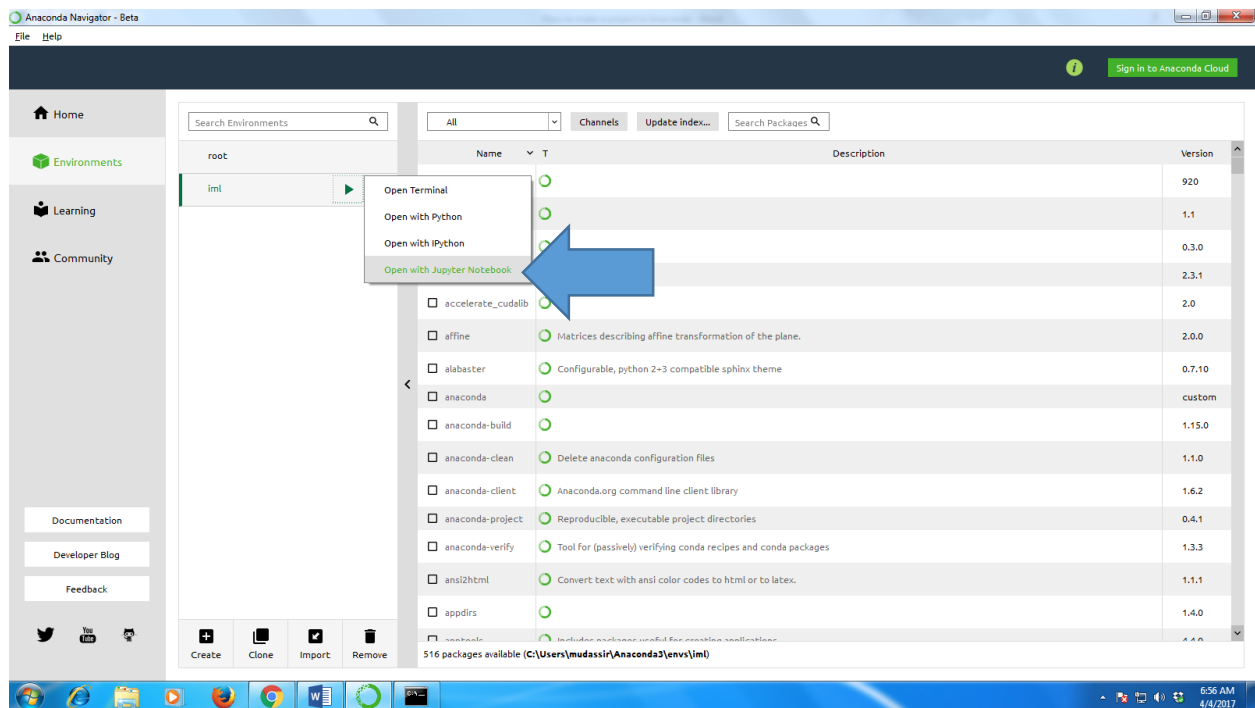
16. It will open up a window.

Files   Running   Clusters

Select items to perform actions on them.

Upload   New ▾   ⟳

☐ ▾	🏠
☐ 📁 Anaconda3	
☐ 📁 AnacondaProjects	
☐ 📁 Contacts	
☐ 📁 Desktop	
☐ 📁 Documents	
☐ 📁 Downloads	
☐ 📁 Favorites	
☐ 📁 Links	
☐ 📁 Music	
☐ 📁 OneDrive	
☐ 📁 Pictures	
☐ 📁 Saved Games	
☐ 📁 Searches	
☐ 📁 Videos	

17. Go to the directory where you saved the files. My files are in a folder named as "IML_A1" which is in "Downloads" folder. So I go to "Downloads" and then "IML_A1".

Files   Running   Clusters
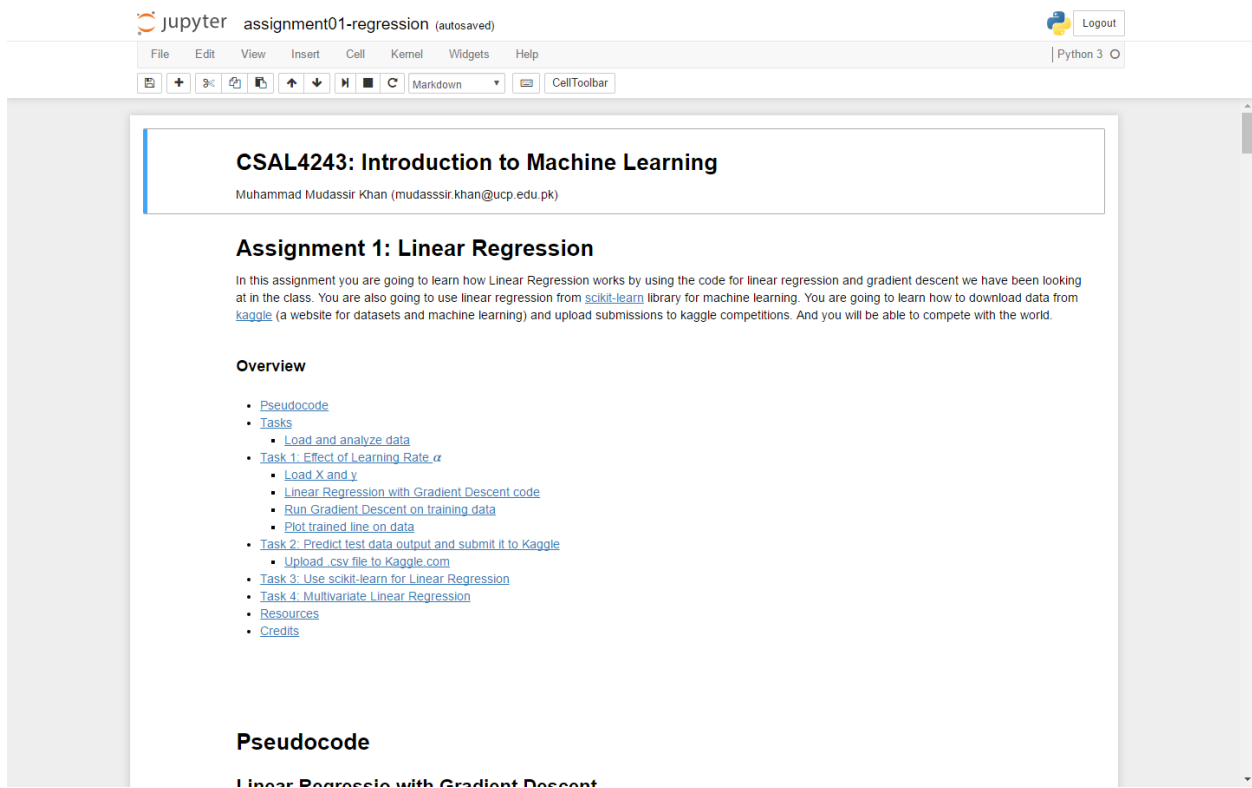
Select items to perform actions on them.

Upload   New ▾   ⟳

☐ ▾	🏠 / Downloads
📁 ..	
☐ 📁 316_Project_1	
☐ 📁 blender-2.78c-windows64	
☐ 📁 IML_A1	
☐ 📄 16832307_707719152734269_5369012937139580260_n.png	
☐ 📄 16934269_1444957908879732_1783685562_n.png	
☐ 📄 16939657_1209550549158164_456352200967235838_n.jpg	
☐ 📄 17626504_1882702495303071_3311960120551450303_n.jpg	
☐ 📄 316_Project_1.zip	
☐ 📄 6hgx81ww.exe	
☐ 📄 [fmovies.to] Gamer - HD 1080p.mp4	
☐ 📄 [fmovies.to] Logan - TS.mp4	
☐ 📄 [fmovies.to] The Space Between UsAmateur Night - HDRip.mp4	
☐ 📄 Anaconda3-4.3.1-Windows-x86_64.exe	
☐ 📄 Assignment 1.docx	
☐ 📄 blender-2.78c-windows64.zip	
☐ 📄 ChromeSetup.exe	
☐ 📄 CMS Completed (28-02-2017).zip	
☐ 📄 FA_Questions.docx	
☐ 📄 Project2-3.docx	
☐ 📄 rcsetup153.exe	
☐ 📄 sample_submission.solitairetheme8	

18. Open "IML_A1" folder.

19. Now open "assignment01-regression.ipynb" which is the assignment file you downloaded in step 11. It will open it in a new where you can edit and run the python codes.

20. Change the path of dataset file as in image below. Click in the cell to edit.

21. Now press "Ctrl + Enter" to execute the code. It will load dataset.
22. '*' shows that code is executing. Wait for the code to execute.

23. Now follow the instruction given in assignment to complete the given tasks.

THANKS☺