Data Science Fall 2018
Homework 1

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Instructions:

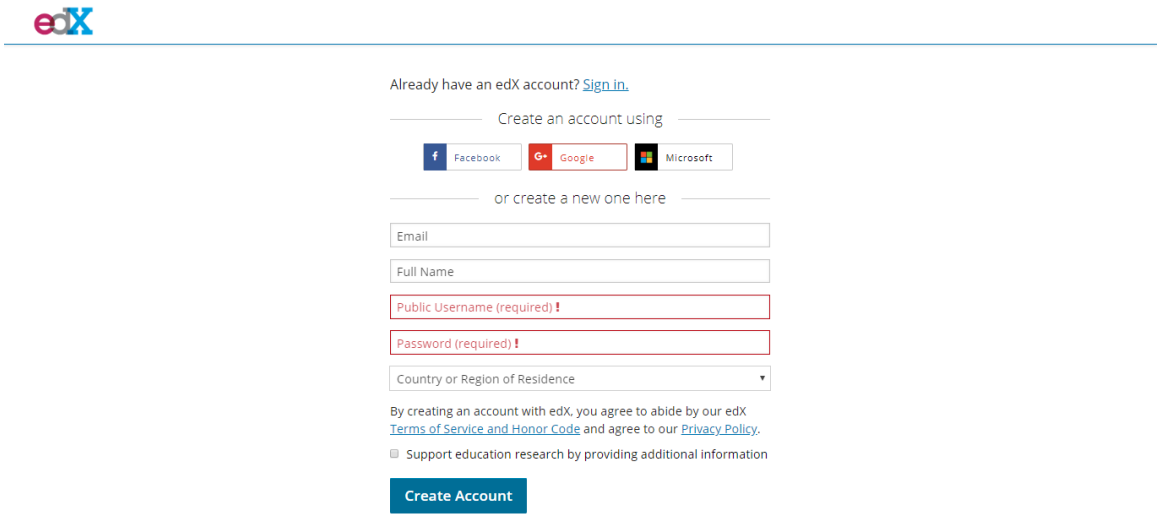
- The aim of this homework is to give you an intro to EdX courses and understanding of python, jupyter notebook, numpy, pandas and matplotlib.
- Homework-1 is divided in two deliverables:
  Deliverable-1A and Deliverable-1B.
- Deliverable-1A is due on 13-09-2018
- Deliverable-1B is due on 20-09-2018
- Only use valid ITU Email Address
- Discussion among students is allowed but the deliverable of the assignment should be individual.
- There will be no extension in time and no late submission will be accepted.

Step 1

Please make sure you have a valid itu email id i.e. $MSDS18\#\#\#$. If you do not have one, please contact IT office and set it up as soon as possible.

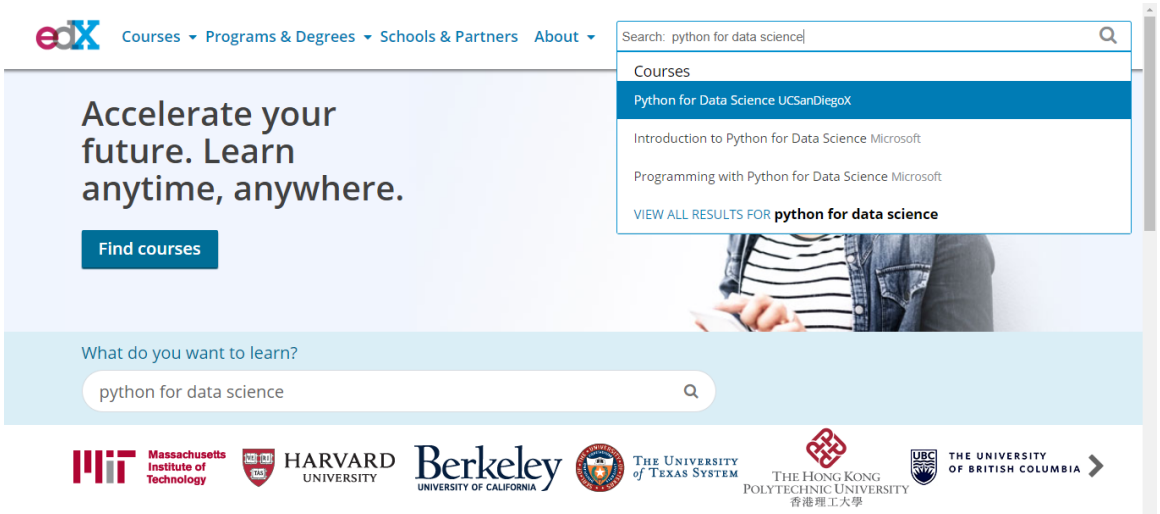
Step 2

Using your ITU Email Address register with EdX.



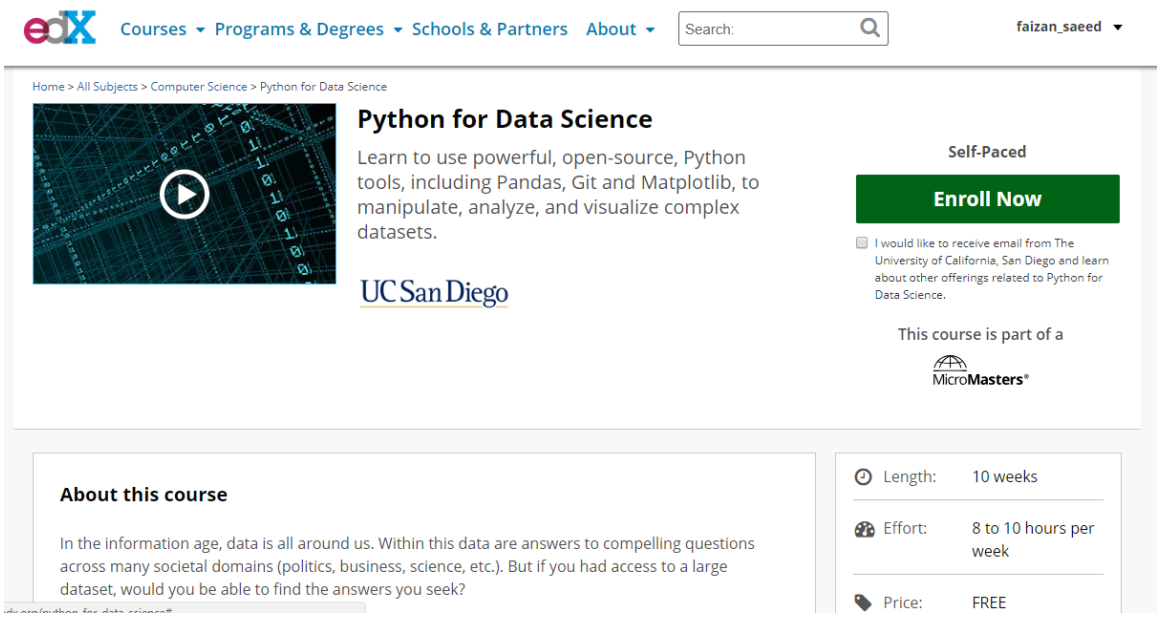
Step 3

After you have successfully created your account, log into the edX platform. Go to the search bar and type "Python for Data Science". Select the one being offered by "UCSanDiegoX".



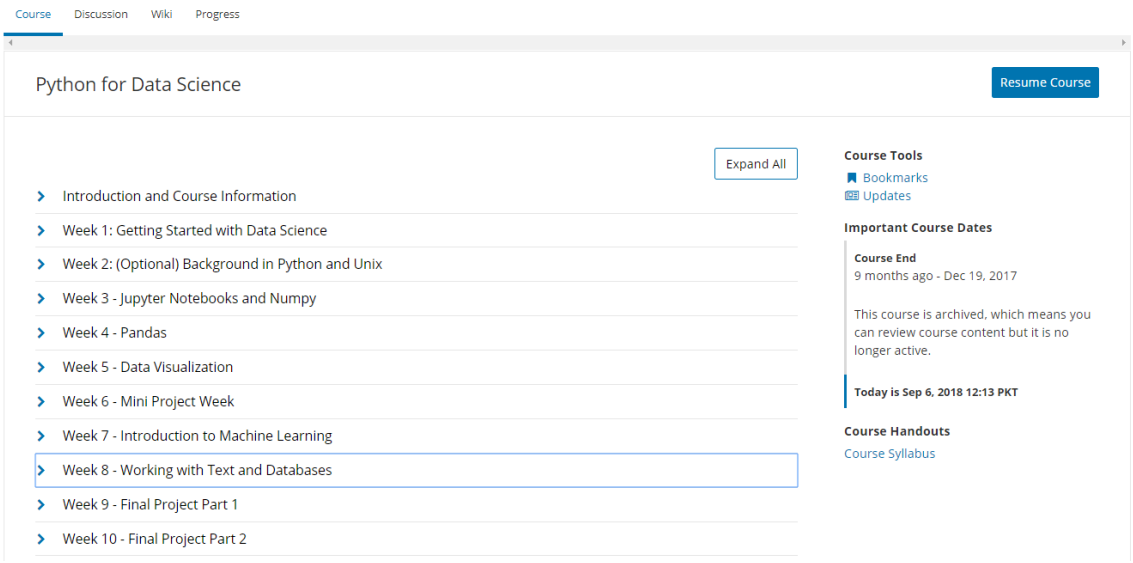
Step 4

Press the "Enroll Now" button to audit this course. Do not opt for the paid mode, you can freely audit this course without any charges after enrolling in this course.

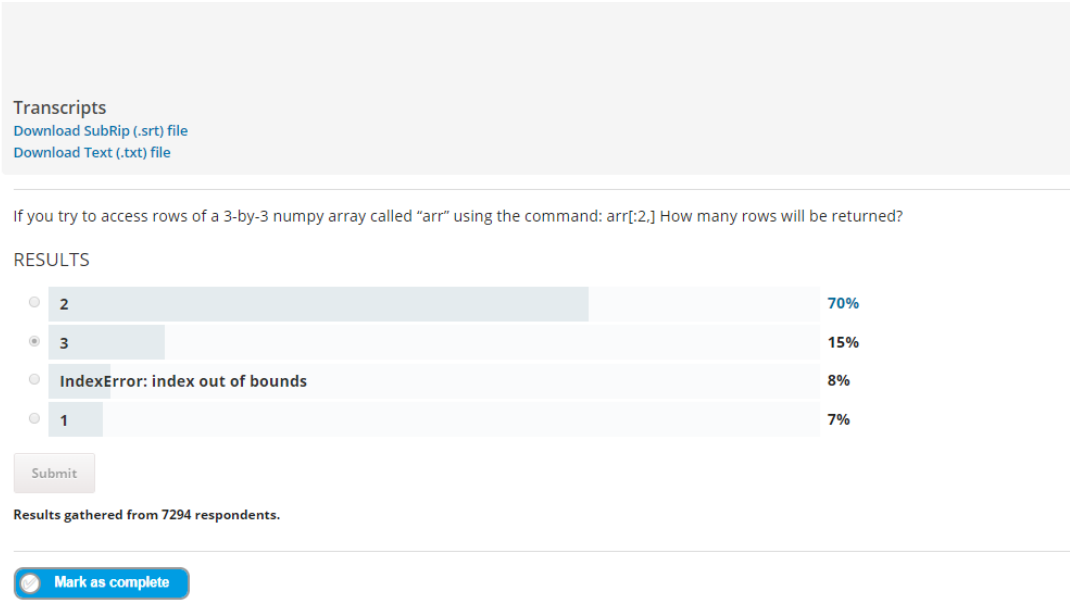


Step 5

The course is divided into 10 weeks. By clicking each week, you can view the videos, quizzes and assignments of that week.

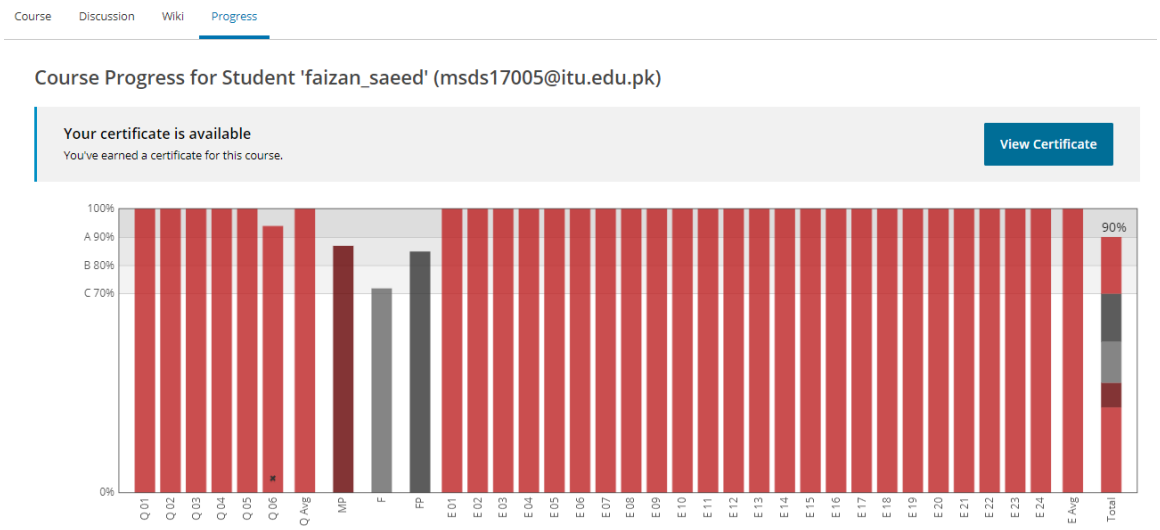


Once you have seen a video, press the "Mark As Complete" button.



Deliverable-1A

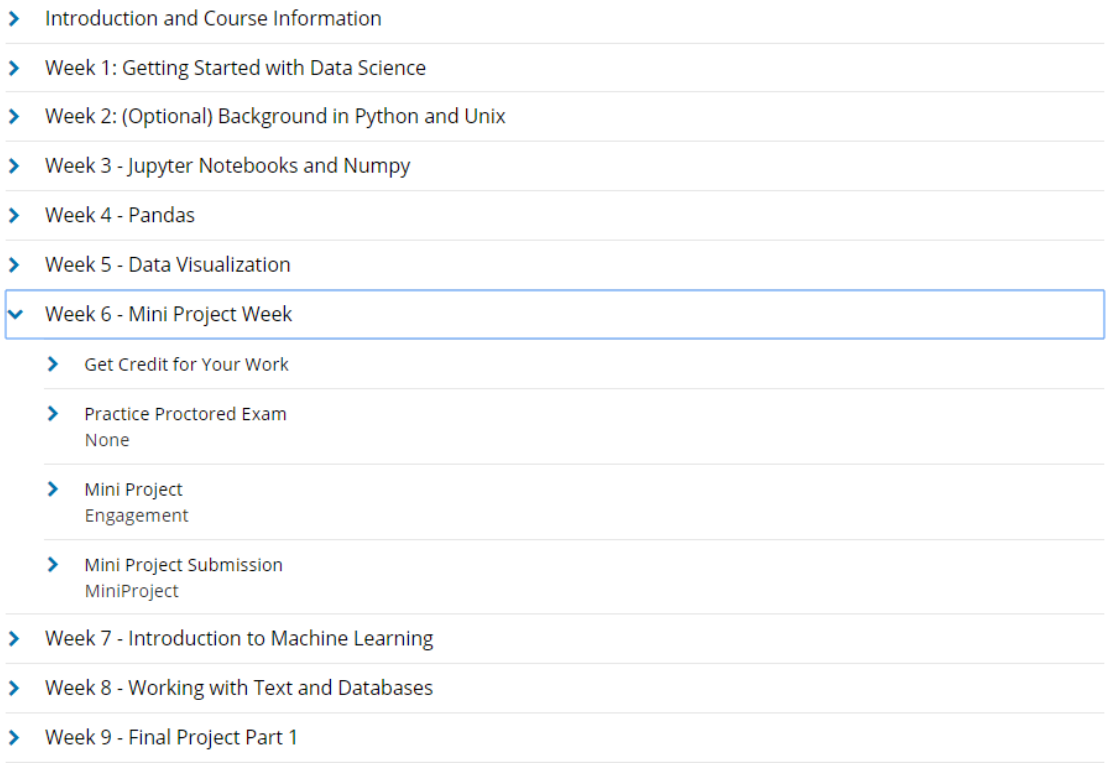
Your first deliverable would be to complete the first 3 weeks of the course i.e **Week 1, 2, and 3**. You can see the progress of your work by going to the tab called "Progress".



The red bars correspond to your level of completion. Since, I have completed this course, all bars are almost red. You need to submit a screen-shot of this bar chart with your name clearly being visible. You should save the file with the name "Your_Student_ID.png" e.g. "$MSDS18\#\#\#.png$".

Deliverable-1B

Your second deliverable would be to complete **Week 4, 5 and 7** . Similar to the first deliverable you would have to submit your latest progress for the course in similar format.
Please skip "Week 6 - Mini Project Week".



We expect that you would complete your work honestly.