Coding Instructions

1. You are free to discuss the assignment problems with other students in the class. But all your code should be produced independently without looking at/referring to anyone else's code. We will run an automated plagiarism detection software on your codes.
2. Python is the default programming languages for the course. You should use Python for all your programming solutions.
3. Write your own version, and do not call a built-in library function **except for loading data [you can use csv, numpy and pandas for data loading only not for prepossessing and model building]**.
4. Code should be submitted using Moodle Page. Make sure to include comments for readability.

Submission Instructions

1. Create a separate directory for each of the questions named by the question number. For instance, for question 1, all your submissions files should be put in the directory named 'Q1' (and so on for other questions - 'Q2', 'Q3', etc.). That is, you have to put files for 1(a), 1(b) etc in 'Q1' directory.
2. Create a single write-up (pdf) file which includes a brief description for each question explaining what you did (commands to run your program). Include any observations and/or plots required by the question in this single write-up file.
3. Put all the Question sub-directories and write-up pdf file in a single top level directory. This directory should be named as "$yourentrynumber\_firstname\_lastname$". For example, if your entry number is "2021anz7535" and your name is "Nitika Rao", your submission directory should be named as "$2021anz7535\_nitika\_rao$". You should zip your directory and this single zip file should be submitted online. Upon unzipping this zip file, the top-level directory by the mentioned name should be created in the present directory.