Assignment 4(ML Pre-prepocessing) announcement:

You MUST do the following operations in your given data set. If you skip one, marks is deducted:

Removing null values, removing duplicate rows (if present), handling categorical variables, feature scaling, and removing 1-2 variables using correlation as feature selection - these issues are present in the data.

You will find the data set in the following file:
https://docs.google.com/spreadsheets/d/1WjGupcDjBAyHpAEoigxkcmtLmzMYMOTFBH2J3fKNEwk/edit?gid=0#gid=0

How to choose your data set:
Add the last 4 digits of your ID and mod it with 5. After that add 1 and the number will be your corresponding data set. For example: if your ID is 21123456, your data set will be $(3 + 4 + 5 + 6)$ % $5 = 3$ $+ 1 = 4$. It means you need to select the 4th data set which is Wine Quality.

NB: If you select a wrong dataset and do the preprocessing task, you will get zero.