**Assignment 1**

**BS6202**

The file “assignment1\_data.csv” accompanying this assignment describes the hospital admission rate in different facilities by gender over the period of 10 years in Singapore.

1. Identify the data type of the all the columns in “assignment1\_data.csv” file
2. Calculate the mean and median of the hospital admission rate across different facilities and gender for each year between 2009 to 2019
3. Do you find any discrepancy between the mean and median values? If so, discuss the reasons this discrepancy.
4. Based on the given data and the techniques, you learnt in your class, discuss if the following statements are True:
   1. “Rate of adults admitted into psychiatry hospital and acute hospitals increases with time”
   2. “Males have higher hospital admission rate than females”