

Q1.The following table indicates the data on the number of patients visiting a hospital in a month. Find the average number of patients visiting the hospital in a day. Also find Median, Mode, Quartile, Quartile Deviations, Standard Deviation.

Number of patients	0-10	10-20	20-30	30-40	40-50	50-60
Number of days visiting hospital	2	2	6	9	7	4

Q2. Use the given file Social_Network_Ads.csv, for predictive analysis using naïve bayes algorithm, Design a model(use age and estimated salary) and predict whether the person will purchase the product or not.

1. Design naïve bays model and find accuracy of the model .
2. Preprocessing of the data
3. Use the generated model and predict whether a person will by product or not if the age is 35 and salary is 34567