**Matplotlib Observation:**

The data has contained 249 mice with their age, sex, weight and drug regime. The important observations are listed below:

1. There are 50.74 percent of male and 49.26 percent of females mice in the dataset.
2. The mice are tested by different type of drug regime, among them the study found that Ramicane is most effective in reducing tumor growth as it has lowest mean, median and variance.
3. The regression line implies that there is a positive relationship between Tumor volume and mouse weight and the correlation is also very strong between them as the r is equal to 0.84 which is close to 1.