Written Analysis Pymacueticals

Observations & Inferences:

- It can be clearly observed that the bar chart that provides information regarding number of mice tested per drug regimen, Capomulin and Ramicane had the highest amount of Mice Testing.

- According to the Pie Plot its clear that male mice were tested on more than female mice. The plot shows a 2% increase in male mice testing than female mice testing. It can be inferred that male mice may or may not be more reliable than female mice due to behavioral or psychological patterns

- Once viewing the results of the scatter plot theres a clear linear regression between tumor volume and weight of mice. The weight of mice increases as the tumor volume increases. Except in some cases. The weight is clearly the independent variable and tumor volume is dependent variable.

- Lastly, in the aggregation summary statistics data frame, we can observe that the average volume of tumor of 55.2 mm3 is the highest tumor volume seen compared to all drug regimens. This regimen is Ketapril.