**Module 5**

After importing the required dependencies, importing and merging both csv files, I ran some tests to see what kind of data it is by seeing what kind, how big and checking for duplicates. I cleaned the data and rechecked so it can be summarized.

I then grouped by different drugs and tumor volumes while using different statistical tools to show a summary and then aggregated them to a data frame. Then I made 2 different bar graphs using Pandas and pyplot then 2 different pie charts using the same 2 techniques.

Narrowing down the drug treatments to four, I then merged the new data frame into the first one. I looked for outliers then created a box and whisker plot using all 4 treatments. Then I created a line plot for one mouse, a scatter plot to show tumor volume and weight and finally a correlation and regression.