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February 03, 2021

Pymaceuticals Starter

**Observations and Insights**

After my analysis, Ketapril looks to be the highest among other the drugs to cure the largest tumor volume with a leading average of 55. This is then followed by Naftisol, Placebo, and Zoniferol with a rounded grouping of 54.

However, as a whole the average tumor volume stands at 8 mm3. The data seem to display capture the top 3 by measurement and count with the following:

1. Capomulin
2. Ramicane
3. Zoniferol

*Screenshot of the bar graph:*

Chart, bar chart

Description automatically generated

It’s quite interesting analysis to measure the analysis around the distribution of the sex. The data shows a result of very close even split at ballpark of 125.

In addition, when it comes to the timepoint versus the tumor volume, the data seem to be quite linear for the distribution of the drug with an inverse relationship for decrease by tumor volume. The weights on the other hand by gram in comparison to seem to display a relatively even volume around 35-40 mm3. Last but not least, the correlation of weight versus the average tumor volume for Capomulin, our leading tumor volume displays a tight relationship of around .95 and an r-square result of 0.90.