Observations:

1. The Capomulin and Ramicane Drug Regimens have more data points compared to other drugs and are tested more for tumor volumes.
2. The average tumor volume of the mouses on Ramicane drug regimen seems to be lower compared to the other drugs rendering to be quite effective on the mouses.
3. The average tumor volume of the mouses on Ketapril drug regimen seems to be higher compared to other drugs rendering it to be not so effective on the mouses.
4. The distribution of female and male mice is almost equal, with male mouses about .4 percent higher.
5. Data appears to be well distributed on the final tumor volumes for the most promising drug regimens Capomulin,Ramicane,Infubinol and Ceftamin with just one outlier for Infubinol.
6. The Tumor volume appears to be coming down for the mouse s185 as the timepoints increase.
7. The Mouse Weights and the Average tumor volumes for Capomulin drug regimen seems to be linear with a positive slope and high correlation coefficient of 0.84.