## Option 2: Pymaceuticals Inc Observations

To do this you are tasked with:

* Creating a scatter plot that shows how the tumor volume changes over time for each treatment.

Usage of drug Capomulin showed decrease in tumor volume size over a

45 day period.

* Creating a scatter plot that shows how the number of [metastatic](https://en.wikipedia.org/wiki/Metastasis) (cancer spreading) sites changes over time for each treatment.

The metastatic spread of the tumor using the drug Capomulin has been

the lowest over the 45 day period.

* Creating a scatter plot that shows the number of mice still alive through the course of treatment (Survival Rate)

Although the Survival rate using drug Capomulin decreases over time , it

is still better than all the other drugs that were compared.

* Creating a bar graph that compares the total % tumor volume change for each drug across the full 45 days.

Capomulin has definitely performed the best by demonstrating decrease in total %

tumor volume change over time.