Pymaceutical Trend Analysis:

1. Note, of the 10 drugs in this experiment, only two of the drugs showed reduction in tumor volume over time (Capomulin and Ramicane). Of the two drug that showed reduction in tumor volume, Ramicane had the largest reduction percentage (-22 %) closely followed by Capomulin with (-19.47 %). This data suggests these two drugs are the most efficient for treatment.
2. The survival rate graph suggests, of the four drugs sampled, Campomulin had the best survival rate overtime. This fact is seen in the relatively level survival percentage rate over time in comparison to the other drugs which all show a steady decrease overtime. Most notably Campomulin’s survival rate stays well above 50 percent over time in comparison to the other drugs which all are below 50 percent. This fact suggests Campomulin is the most promising drug regarding survival.
3. Of the four drugs sampled for the Metastatic Spread graph, Campomulin had the lowest cumulative metastatic sites over time. This fact shows that on the Campomulin drug, the spread of cancer was the least (among the four selected).