# Conclusions

* After taking a look at the gender distribution pie plot, we can see that there’s no difference at all between one sex or another, or in other words, we find the same number of women or men our data frame. If picked randomly for a database, we can conclude that gender is not crucial when analyzing this data set.
* As we can see in the boxplot, “Capomulin” is indeed helping to reduce tumor growth, as the final tumor volume is lower than most of the other regimens. However, there’s another drug regimen called “Ramicane” that should be consider by Pymaceuticals Inc. as potential treatment for skin cancer, because its results regarding tumor growth are even better than “Capomulin”’s.
* After performing the regression equation on the “Capomulin” regime to see how the weight affects the tumor volume, we see that the correlation is so strong between those two factors (0.84), which means that the more a mouse weights the more probability of having a bigger tumor.