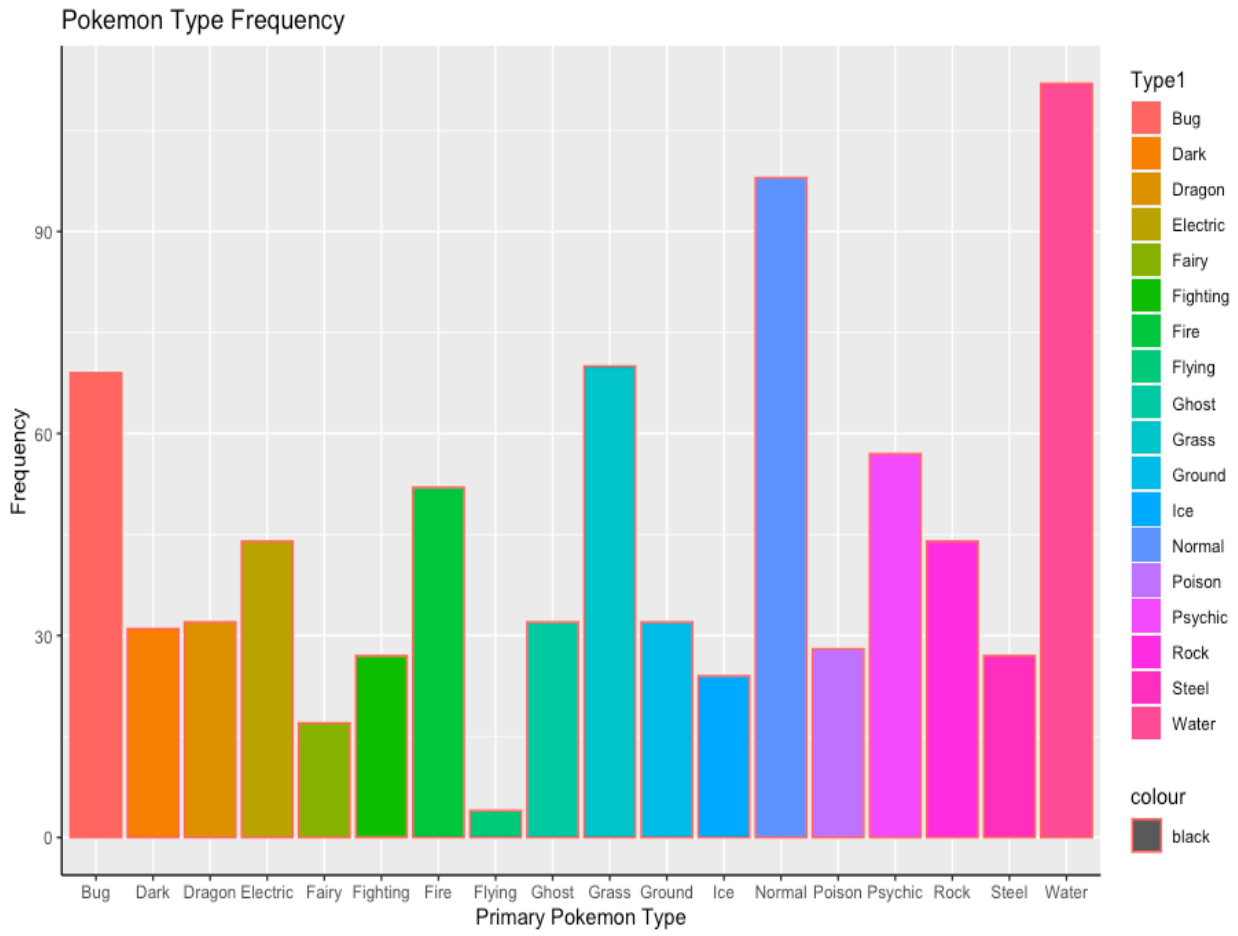
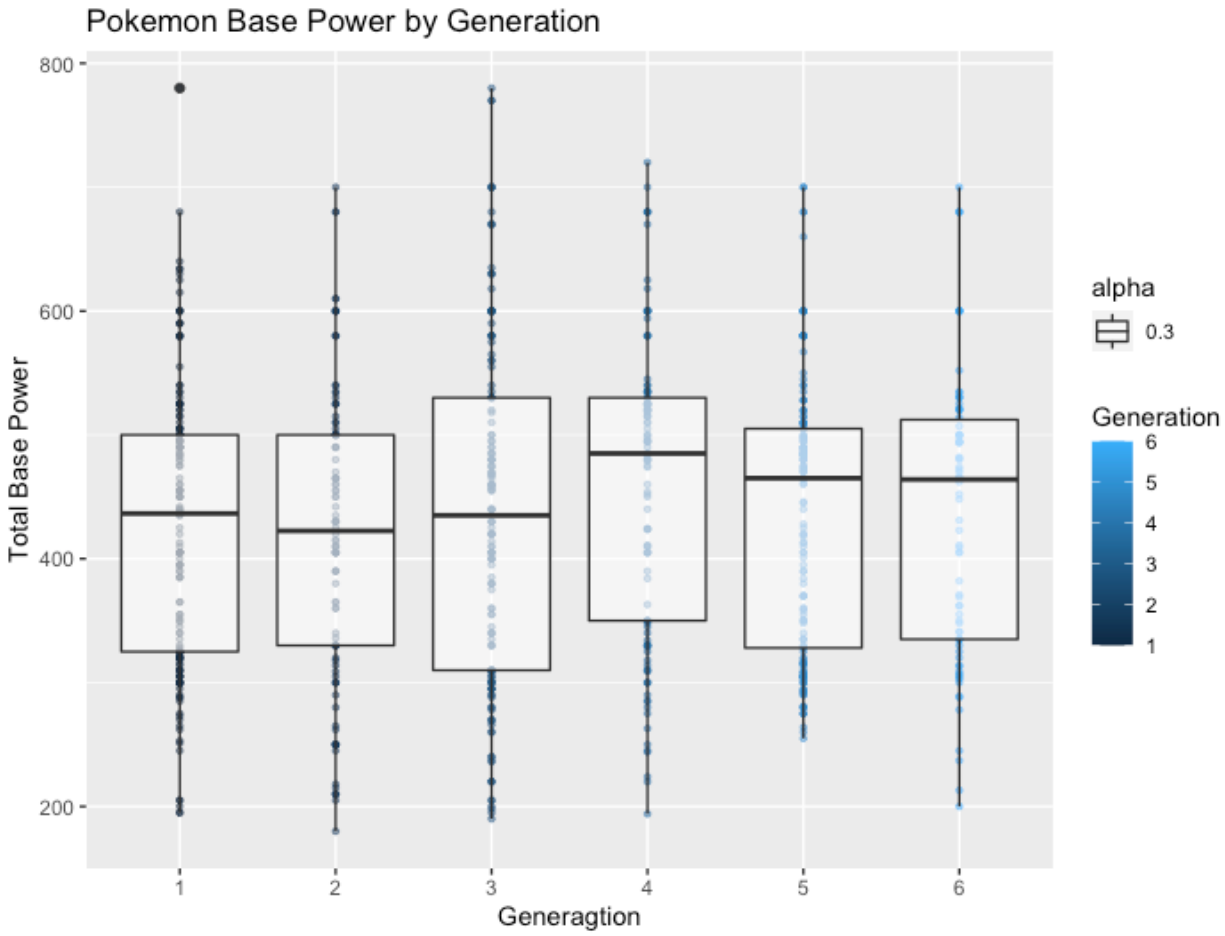


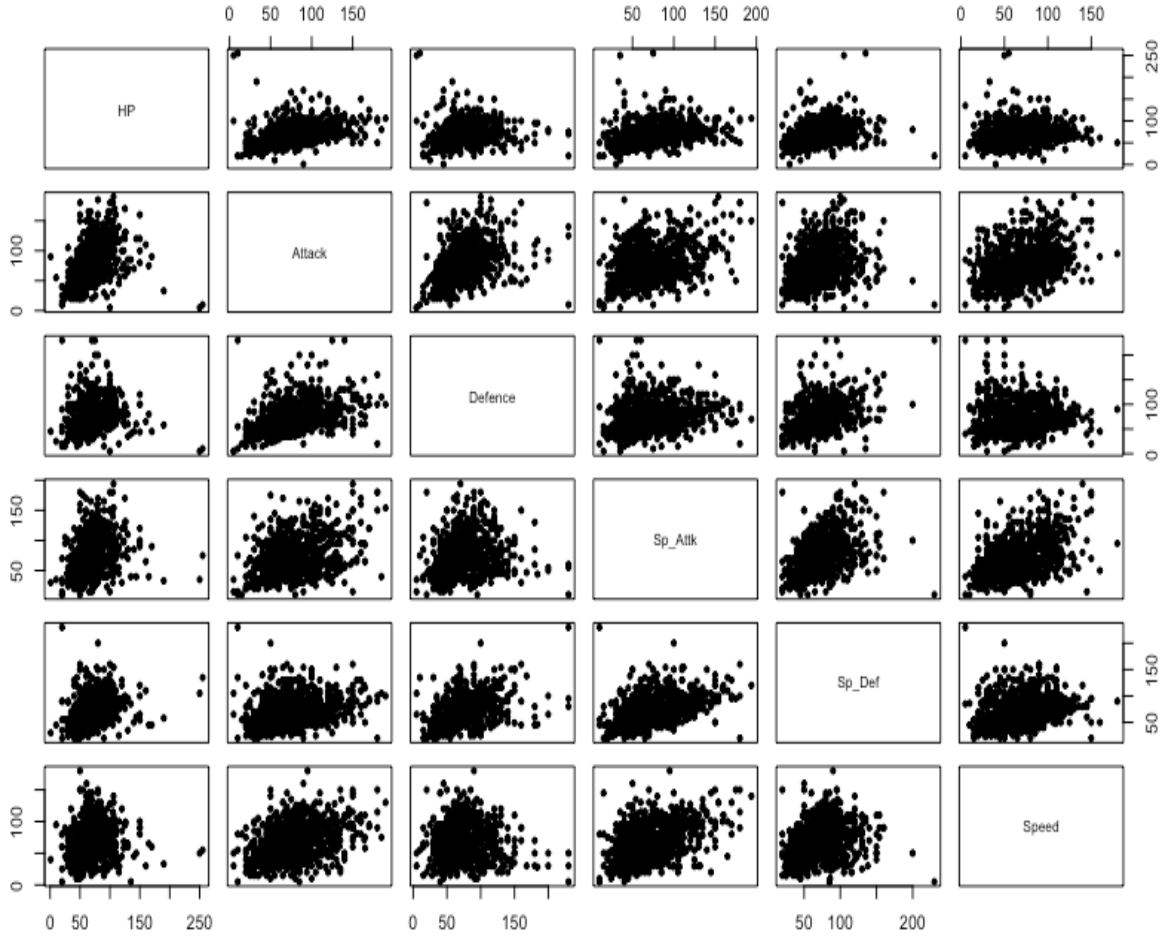
#1

Some conclusions we can draw from this bar graph is that water type pokemon are the most common with normal and bug types being second and third most common. We can also see that the least common type is flying, followed by fairy and ice.



#2

Based on this chart we can see that the 4th generation pokemon have the highest stats on average and Generation 2 has the lowest average base power level. The first generation has the pokemon with the highest overall power level however it is an outlier. Generation 5 has the highest minimum base power and generation 3 have the highest maximum base power that is not an outlier.



3

In this scatterplot matrix we can see that many of the variables seem to have positive relationships with each other, some stronger than others however they all seem pretty weak. This would make sense to me because usually as pokemon level up each one of their stats increases very little. For example we can see there is a positive relationship between attack and defense. Another that is positive but looks stronger is speed and special attack. From this one thing we can conclude that as a pokemon's speed increase, their special attack also increases.

#4

The correlation between HP and Attack is positive but weak and it is statistically significant.

The correlation between Attack and Defense with the pearson method is positive but weak and it is also statistically significant.

With the kendall method, the attack and defense correlation is still positive, but weaker, and it is still statistically significant.