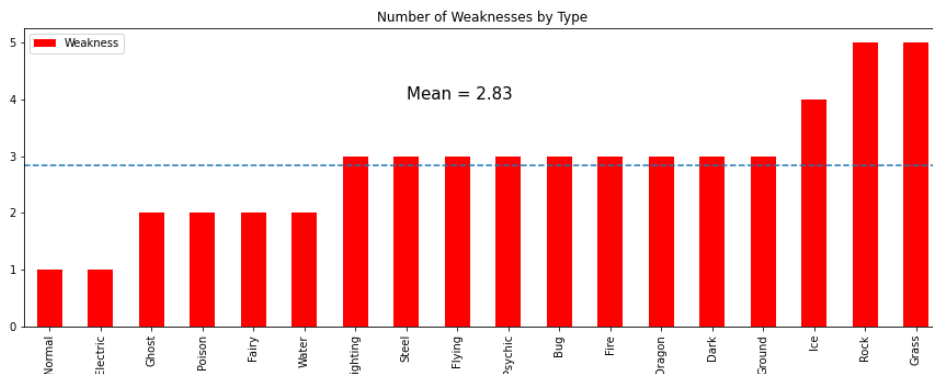
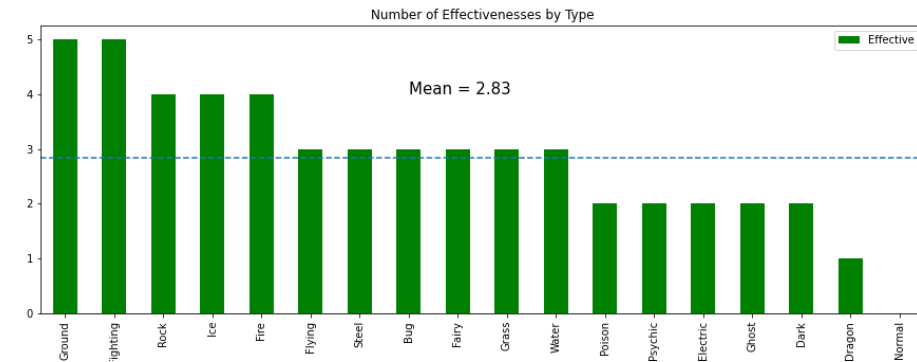


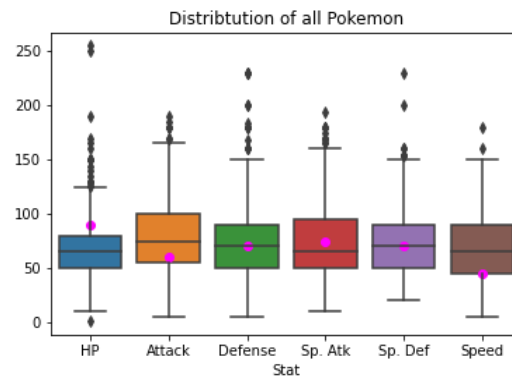
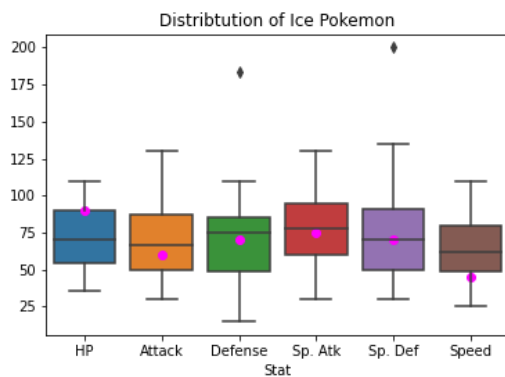
Which pokemon types are best for defense ? Which pokemon types are best for offense?

Ground, Fighting, Rock, Ice, and Fire appeared to be better for attacker pokemon. Normal, Electric, Ghost, Poison, Fairy, and Water appeared to be better for defensive pokemon.



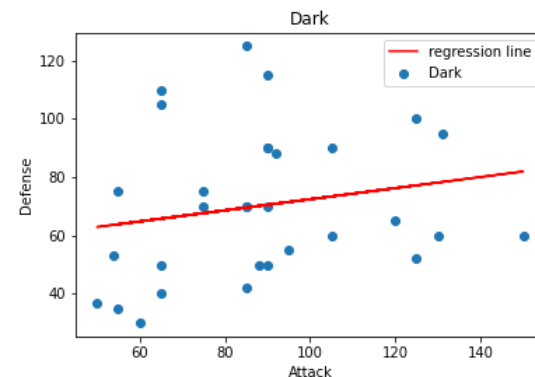
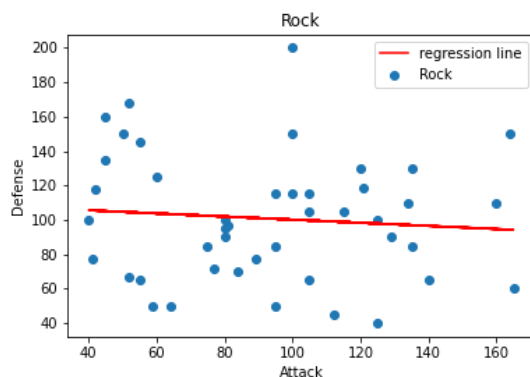
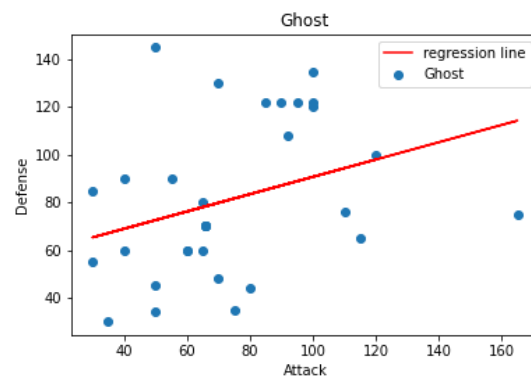
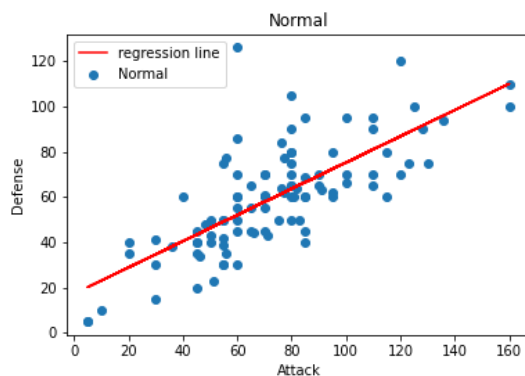
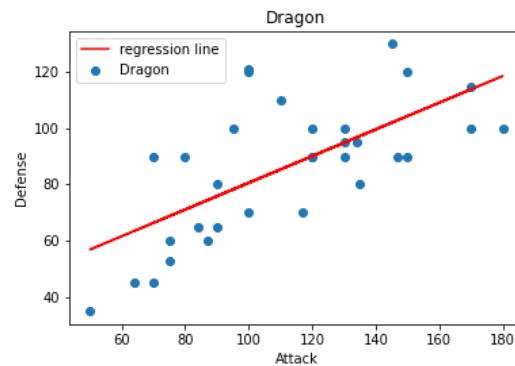
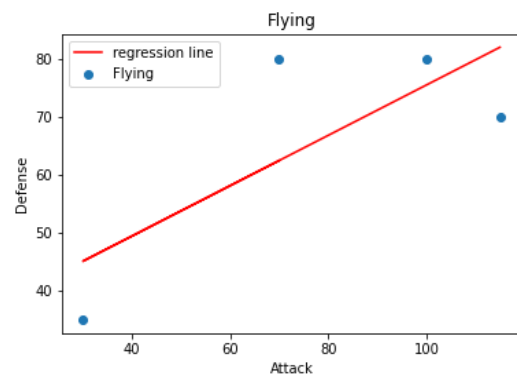
How does this random pokemon rank against other ones in its own generation?

Our random pokemon appeared to have an above average HP, below average Attack, Defense, Sp. Attack, and Speed, and about average Speed. In terms of all Pokemon our random had above average HP and SP. Attack, below average Attack, and speed, and about average Defense and Sp. Defense. The random pokemon is highlighted in pink.



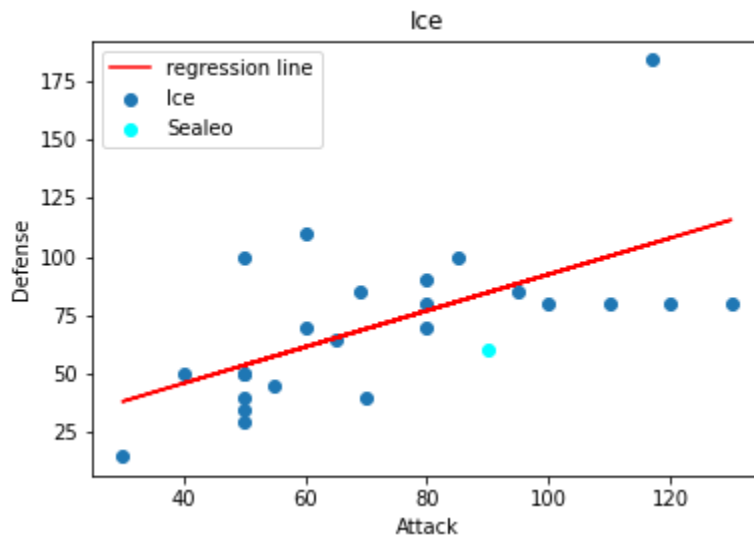
For each type is there a correlation between a pokemon's attack and its defense stat?

Flying, Normal, and Dragon have the strongest correlations. However, there was a small amount of Pokemon with the Flying type so the results may be skewed. Rock, Dark, and Ghost had the weakest correlations between Attack and Defense. Rock was also the only type with a negative correlation. Rock, Dark, and Ghost type pokemon were relatively wide spread on the scatter plots.



Additional Findings / Application

Our random pokemon appeared to have a lower Attack and Defense correlation in comparison to other pokemon of its own type (Ice). This also aligns with the box plot above that showed our random pokemon having a lower than average Attack and Defense in comparison to other Ice type pokemon.



On many competitive pokemon sites, our random pokemon is regarded as a special wall (a pokemon meant to counter SP. Attack pokemon). This aligns with our findings since our random pokemon appears to have both high HP and SP. Defense stats. Although our random pokemon's typing is not ideal, having a diverse team of pokemon can help cover its 4 weaknesses.