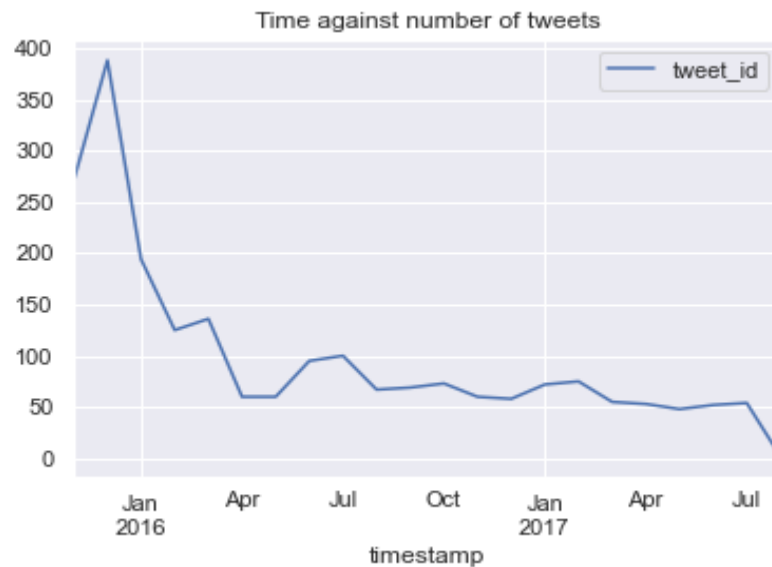
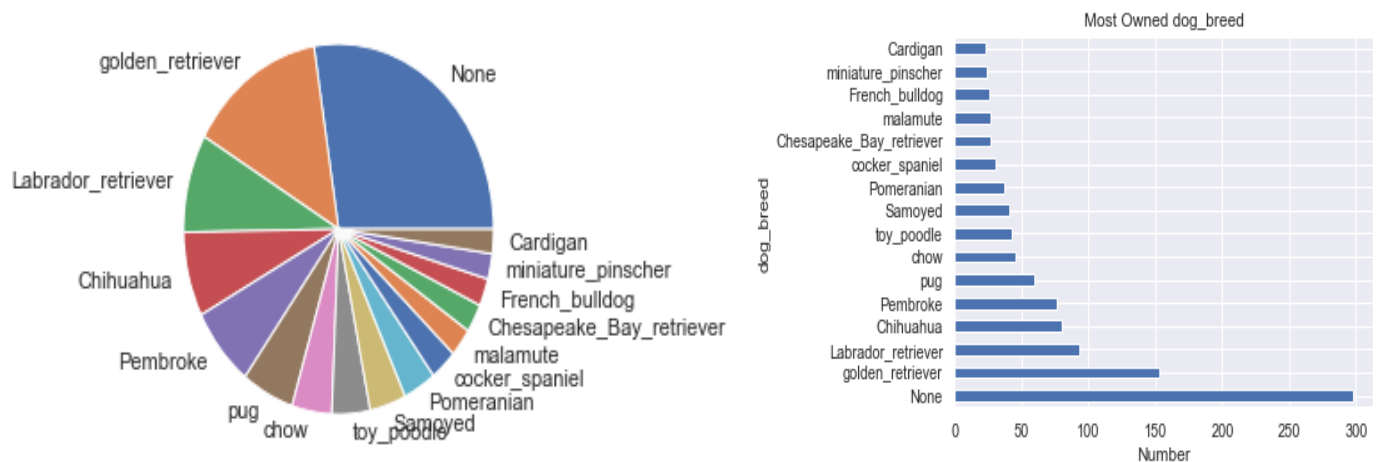


Report on the Analysis and Visualization of Data

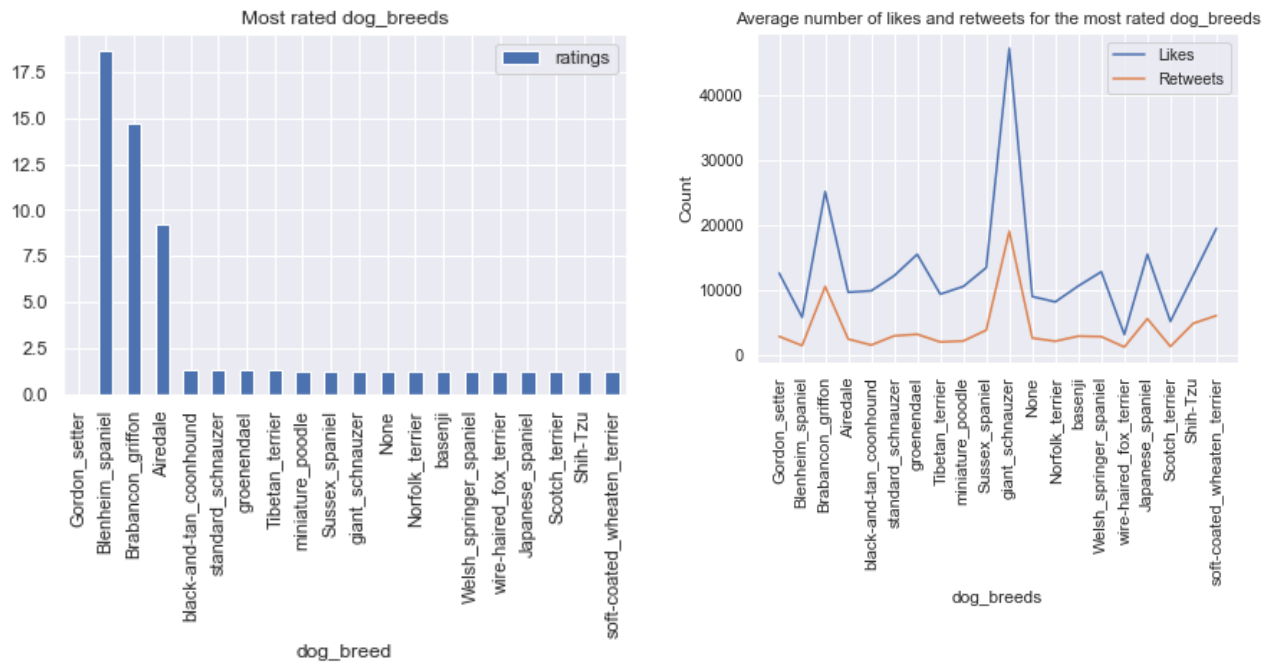
This document seeks to communicate all the insights and displays the visualizations produced from my wrangled data. I would display each visualization and discuss the insight drawn from it. But first it is important to state that the data has been cleaned and analyzed before any of these visualizations.



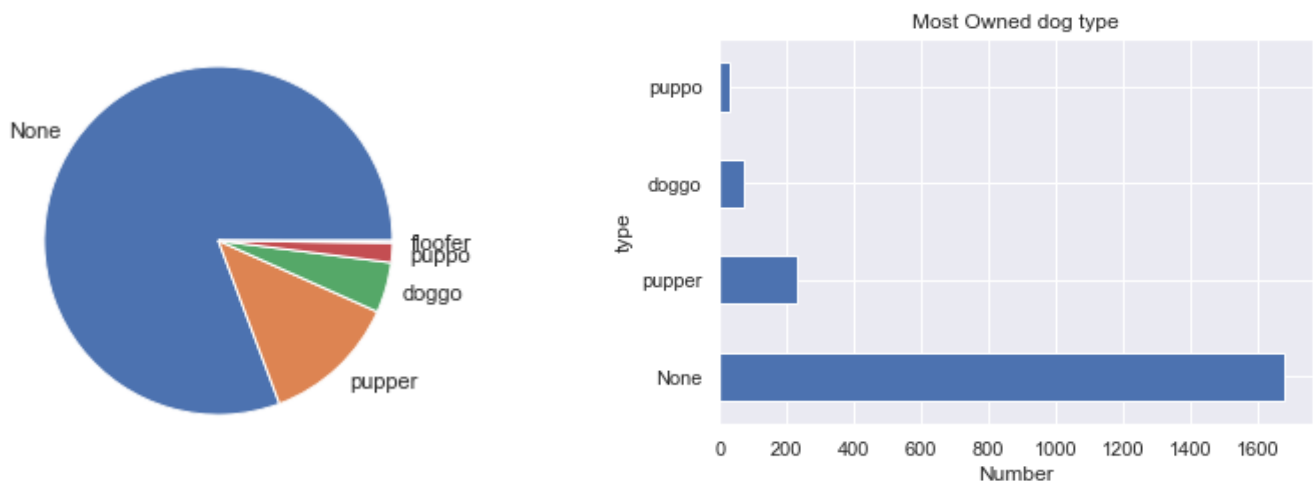
1. The first visualization which is a line graph shows Time against the number of tweets. It is evident that the number of tweets reduced drastically a little before January 2016 and had another huge dip in July 2017. This points to the fact that the WeRateDogs handle might be losing its popularity or twitter users who tweet to this handle may be losing interest in showing off their dogs.



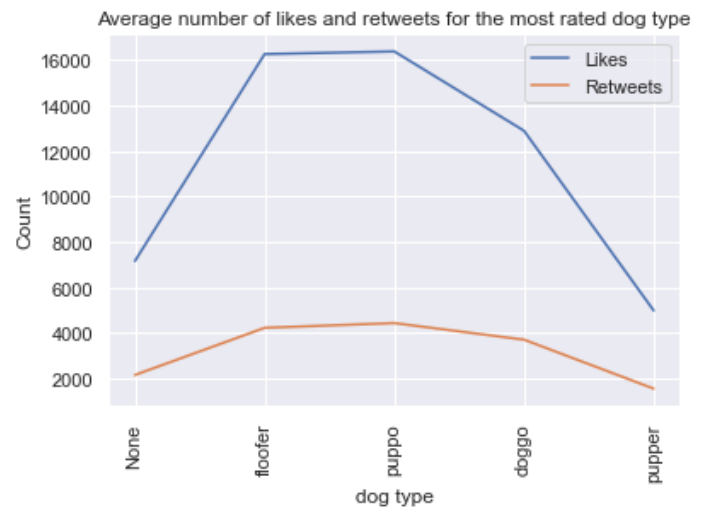
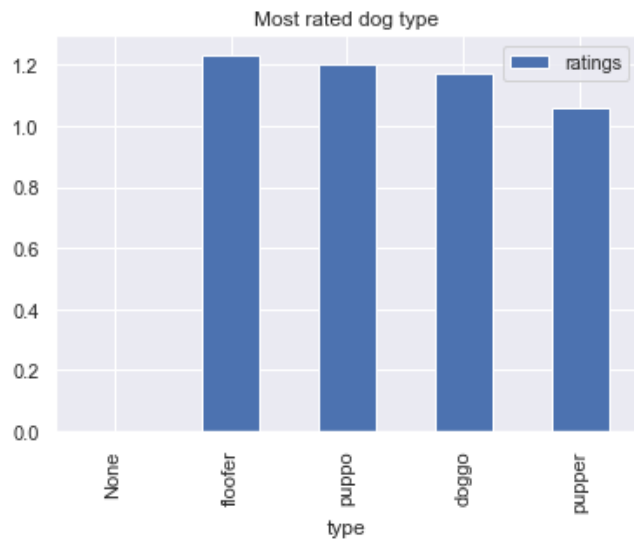
- The visualizations which is a pie chart, and a horizontal bar chart shows an interesting insight of the most owned dog breeds with the Golden Retriever taking the lead followed by the Labrador Retriever and the Chihuahua.



- The interesting thing about this next visualization which is a bar chart, and a line chart is that the most owned dog breeds are not the most rated on average. The Gordon Setter and Benheim Spaniel may be outliers, but the 3 top owned dogs did not make it to the top 20 highly rated dogs.



- From the pie chart and the bar graph above, it is evident that most dogs do not have a type.



5. This bar graph and the line chart above shows the most rated dog type, the number of favorite_count (likes) and retweets each had.