

WeRateDogs Insights and Visualisations

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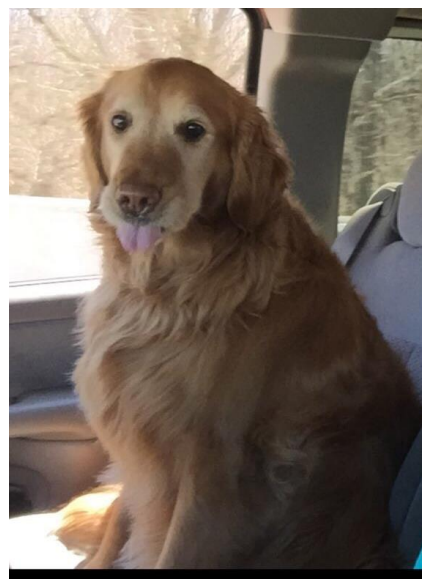
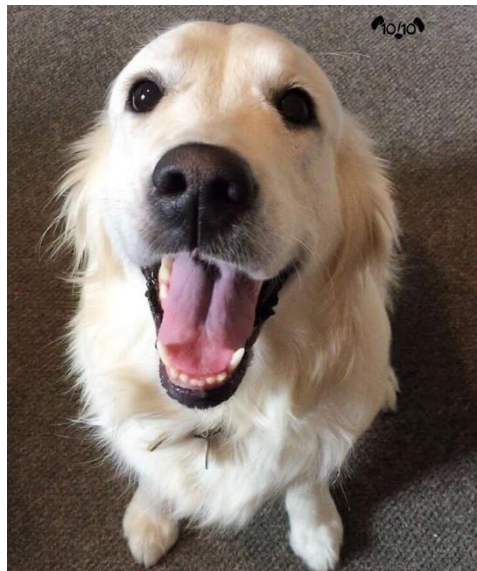
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As a part of the project "Data wrangle and Analyse" in the Udacity Data Analyst - Professional Nanodegree; this report presents insights and visualizations about the WeRateDogs twitter archive.

'WeRateDogs' is a twitter account that rates people's dogs with humours comments. The rating denominator is almost equal to 10, but ironically the rating numerator most of the time can be 12, 13, 14, Why? Because, people love dogs more than the imaginable, so why not!

So, after analysing the dataset gathered from different sources, here are some insights and visualizations about these dogs;

- 1- The most common dog breed was the Golden Retriever with total counts of (137), and here are some of their adorable images.



- 2- From more than 2000 tweets, there are 303 dog type mentions, this following bar chart illustrates how frequent the dog types are mentioned, and the most popular dog type is pupper.

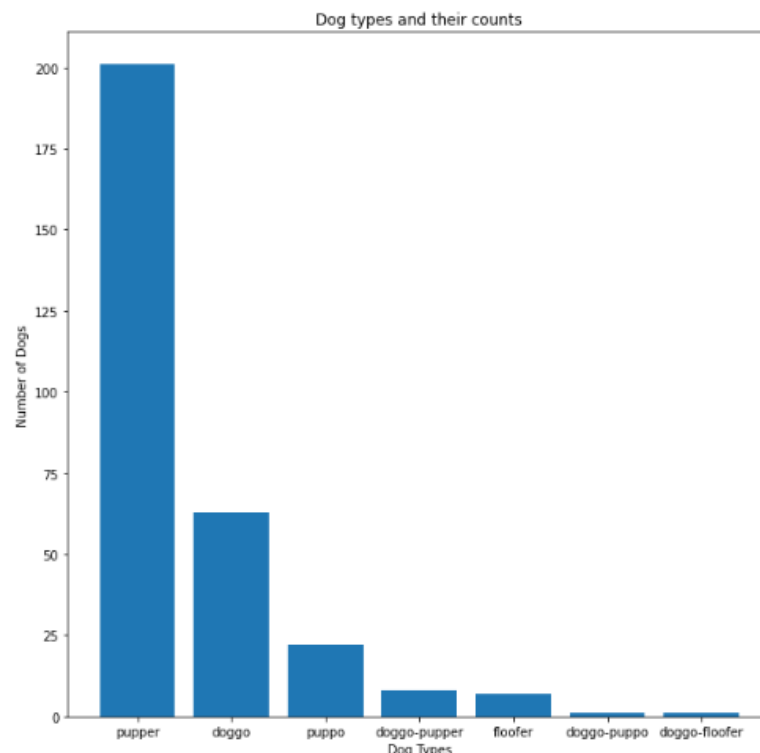


Figure 1- Dog types bar chart

- 3- Interactions on twitter are measured mainly by retweets and favourites counts. In the line plot below, there is an evident upward on the retweet counts in the beginning of year 2016, then the peaks keep on fluctuating but with satisfying results during this year and until the year of 2017. People's engagements with the posts are a great indicator of appeal of the content of the posts.

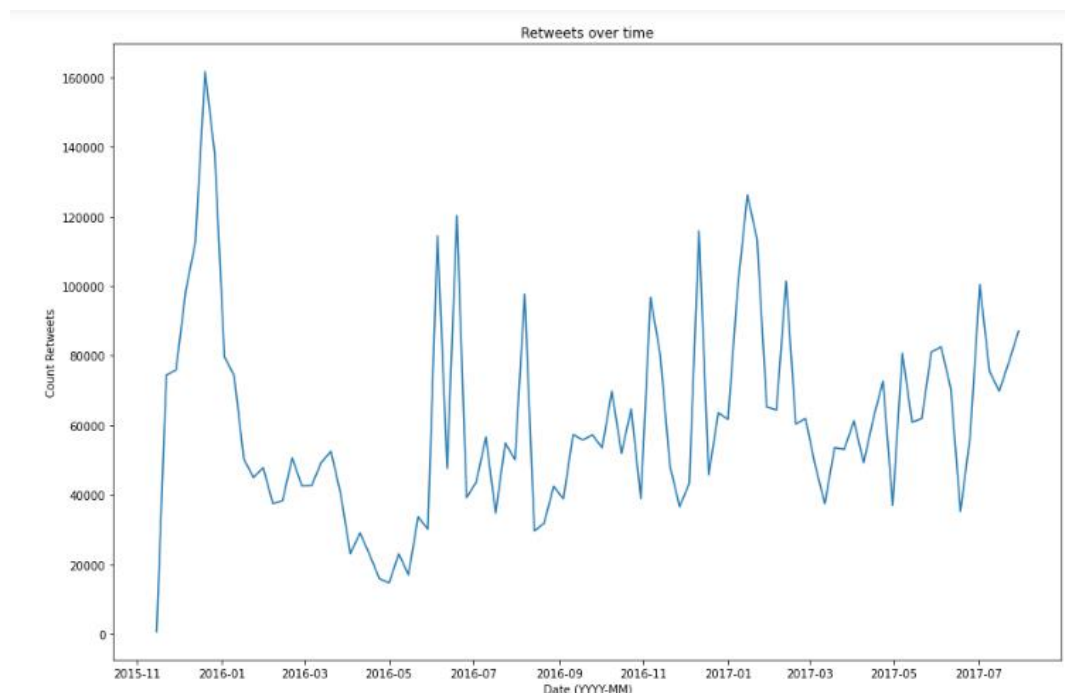


Figure 2- Retweets count over time

- 4- The scatter plot below shows that there is an apparent strong correlation between retweet counts and favourite counts.

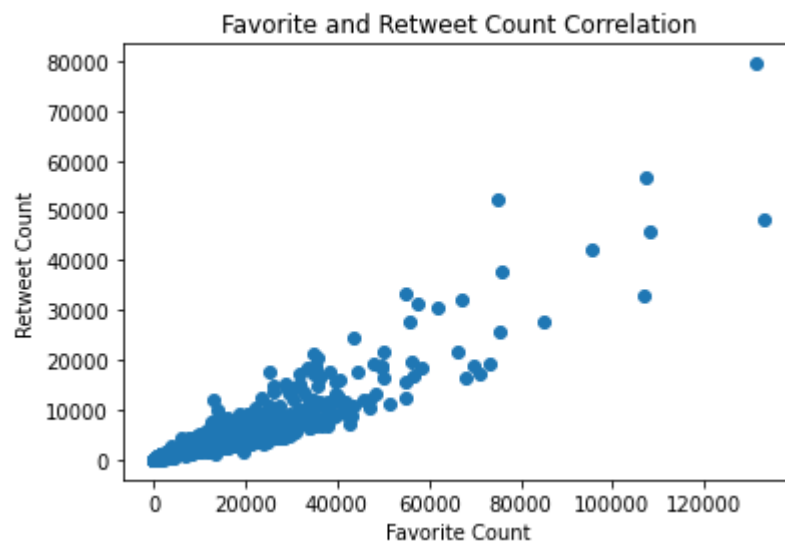


Figure 3- Correlation between retweet and Favourite counts