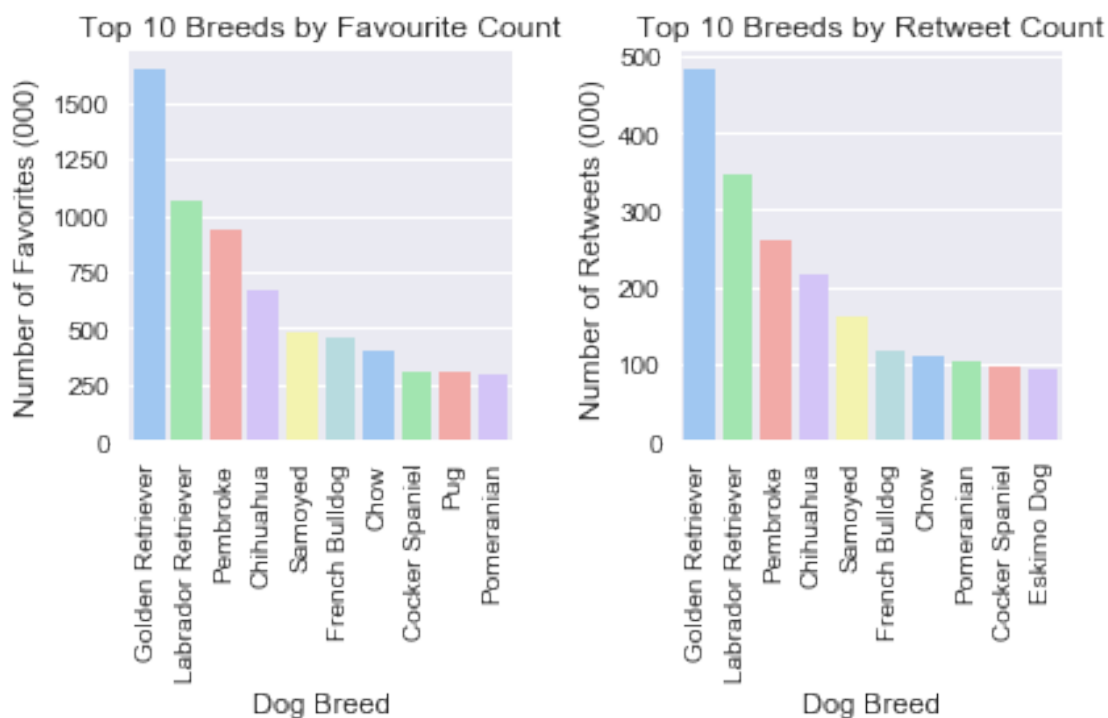# Analysing and Visualising WeRateDogs Dataset

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Introduction

The analysis will be from a Twitter account 'WeRateDogs' and it is predominately based on the number of favourites and retweets associating with other variables.
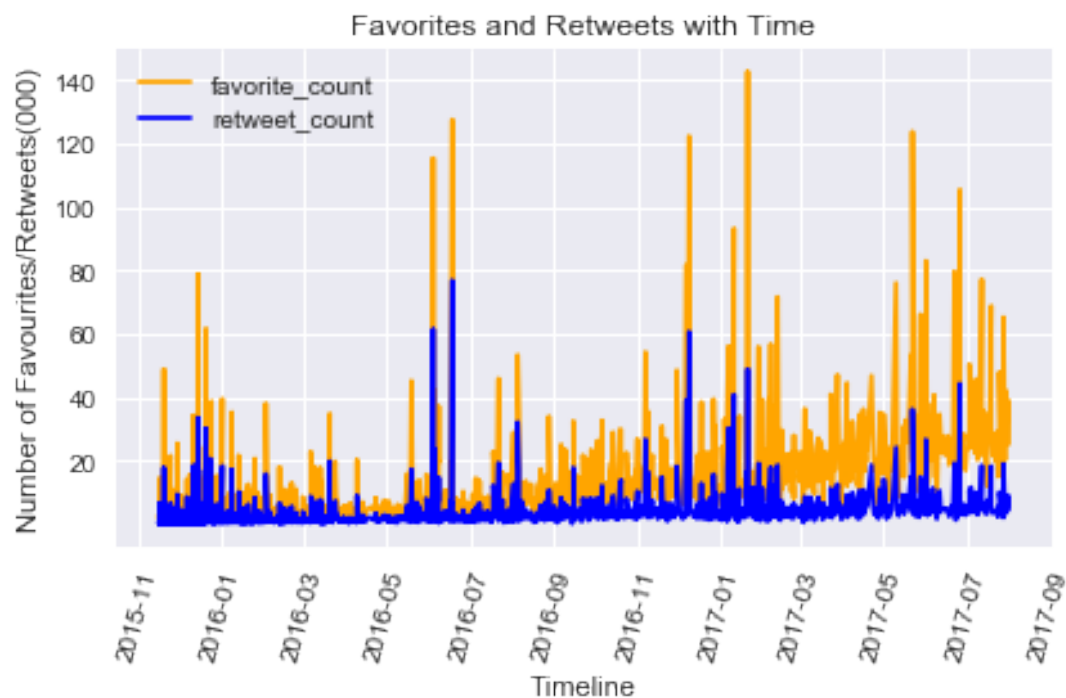
Analysis #1

According to this dataset, we can see that Gold Retriever was the most favourite subject that people tweets about online with over 1.5m and it was the popular subject for retweeting reaching nearly half a million.

Although it is hard to understand why these are the top breeds as the reasons could be either they are common to breed, or the neural network might have mistakenly identified them due to their similarities.

Analysis #2

Favorites and Retweets with Time

We can see that WeRateDogs gradually became popular over time reaching to its peak in December/January 2017 and the number of tweets decreased significantly in February/March 2017 which was probably due to the end of holidays.
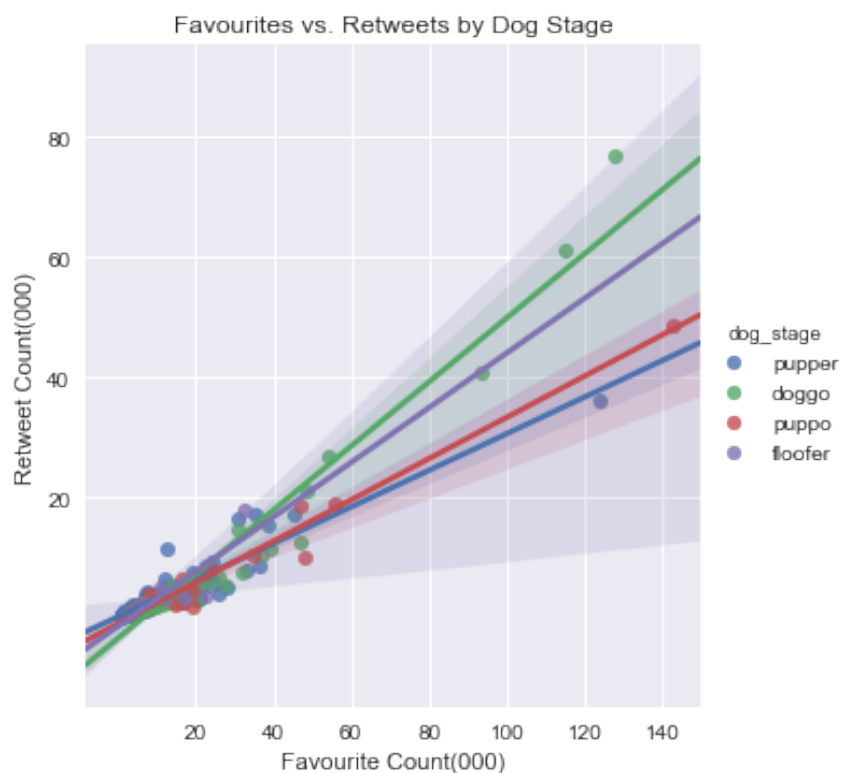
Analysis #3
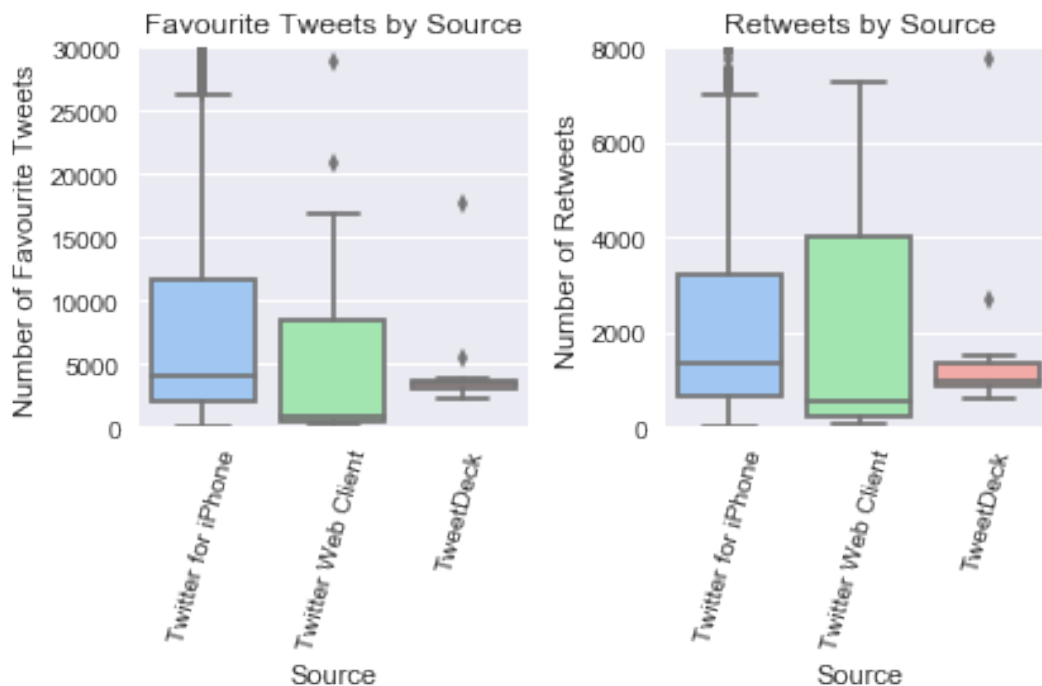
iPhone was tweeted most by users for favourite tweets and Web client for Retweets.

Analysis #4

Favourites vs. Retweets by Dog Stage
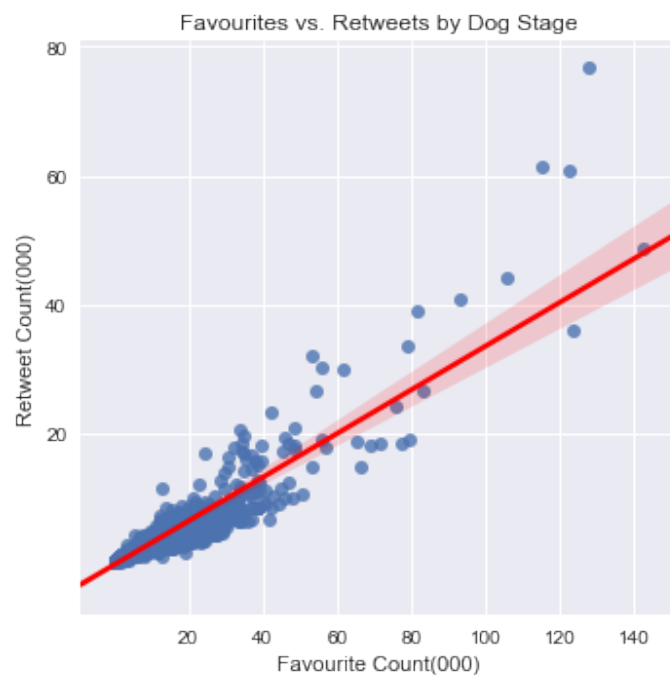
We can see that most tweets have a retweet count of less than 20,000 and a favourite count of less than 40,000. As the number of Retweets increase so does the number of favourites.

Favourites vs. Retweets by Dog Stage

For further analysis, I used the variable Dog_Stage to identify which of the category has the most tweets and we can see that Pupper was the most common, however at the same time it was the valued the lowest. The second most popular is Doggo and valued the highest out of the 4 dog stages reaching to nearly 80,000 reweets and close to 130,000 favourites.