

FINDINGS IN WERATEDOGS TWEETS



This is Tilly. She's just checking pup on you. Hopes you're doing ok. If not, she's available for pats, snugs, boops, the whole bit. 13/10



Dogs are a popular item on twitter. This can be seen in the WeRateDogs account on twitter. To the left meet Tilly.

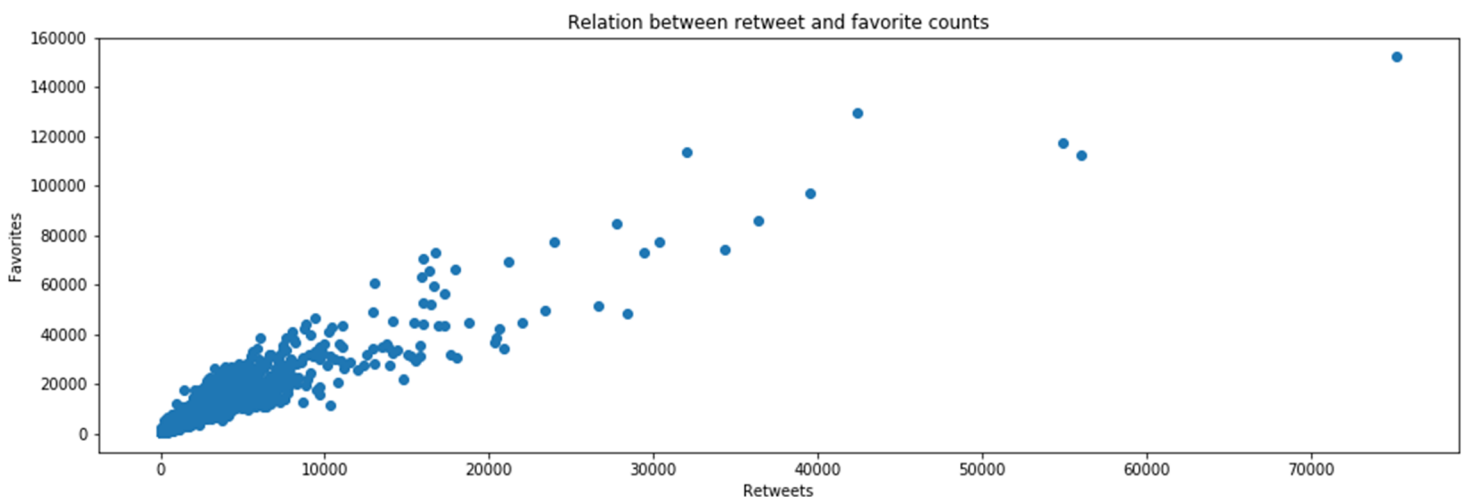
We collected data from that account and found a few nice insides we would like to share with you. The data is from 2017.

Retweeting versus favorites

Looking at the retweet counts and the favorite counts we found a strong correlation (0.93) between the two. Diving deeper into we can conclude that the number of favorites count is larger than the retweet count. In general we see a 1:2 to 1:3 ratio between the two.

Meaning that favoriting a tweet does not always mean that someone retweets it also.

The scatterplot below shows the relation between the favorite counts and the retweets.



Dognames

A lot of tweets have also the name of the dog in it. We were wondering if the names found in the tweets are also popular dog names. We looked at www.puppyleaks.com/popular-dog-names which has a list of 500 dog names. Comparing them with the names found in the tweets and we found indeed that most popular dog names for example Charlie, Cooper but also Oscar are also amongst the popular dog names in the tweets.

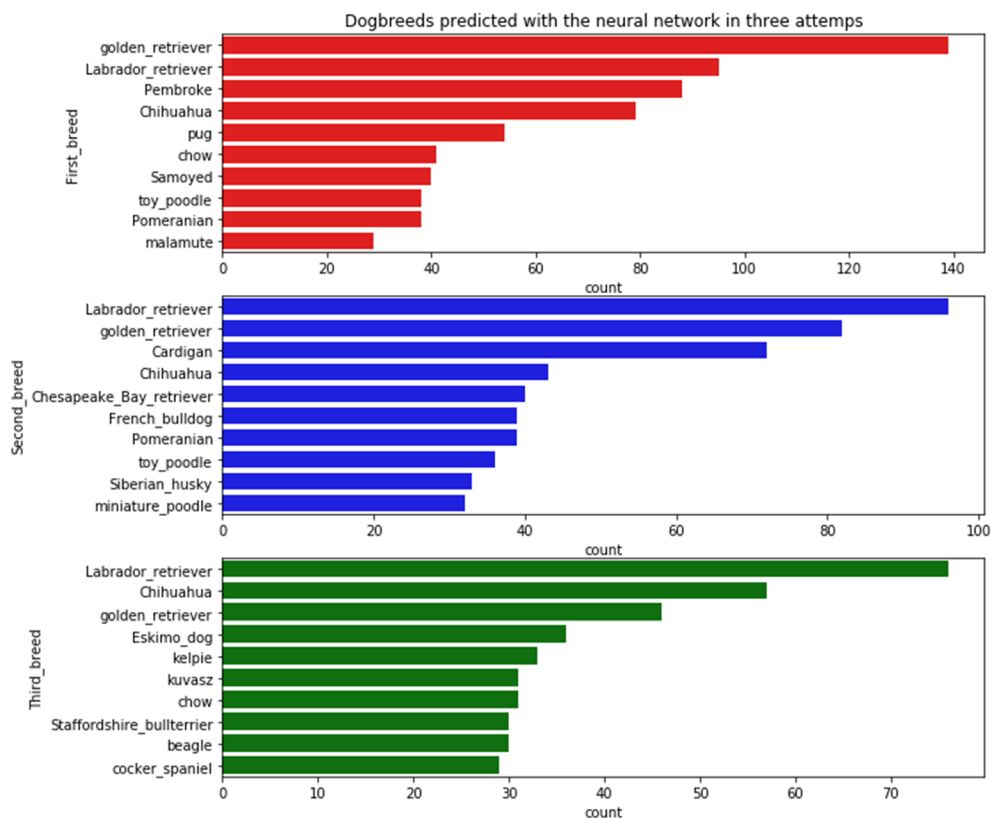
Only a dog named lucy popular in the tweets is no longer a popular dog name at this moment.

Dog breed

With a trained neural network the photos from the tweets are used to predict the breed of the dog. This is modest successful in that 75% of the predictions come back with an actual dog breed. Of course not all photo's will be dogs but 25% seems to be a large part. Investigating this in the near future would be a nice job.

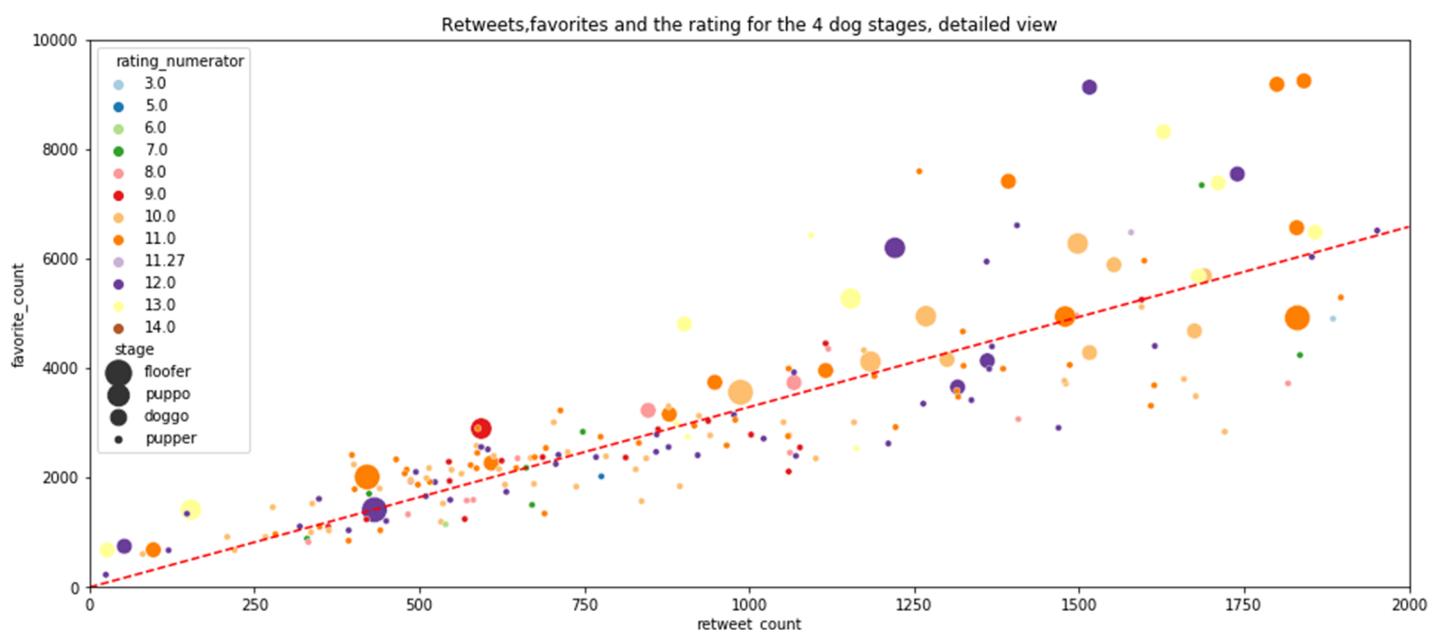
As we have popular dog names there are also popular dog breeds.

In three attempts the breeds were predicted and we found the labador retriever and de golden retriever amongst the most popular dog breeds.



The dog stage

Pupper, Floofer, Doggo and Puppo are well known stages of dogs in the twitter community. This combined with the unique way of rating the dog e.g. 13/10 for Tilly we were wondering if there is a relation between them.



There is not a strong conclusion to find. We see that the floofers and puppos are more likely to have a higher rating and the favorite count is also somewhat higher then that of the doggo and pupper.

Future steps

This brief look into the twitter data from WeRateDogs calls for a more exploration of the data. Are the breeds correct predicted and what is the precise relation between the rating an the dog stages.