

## We Rate Dogs Insights Report

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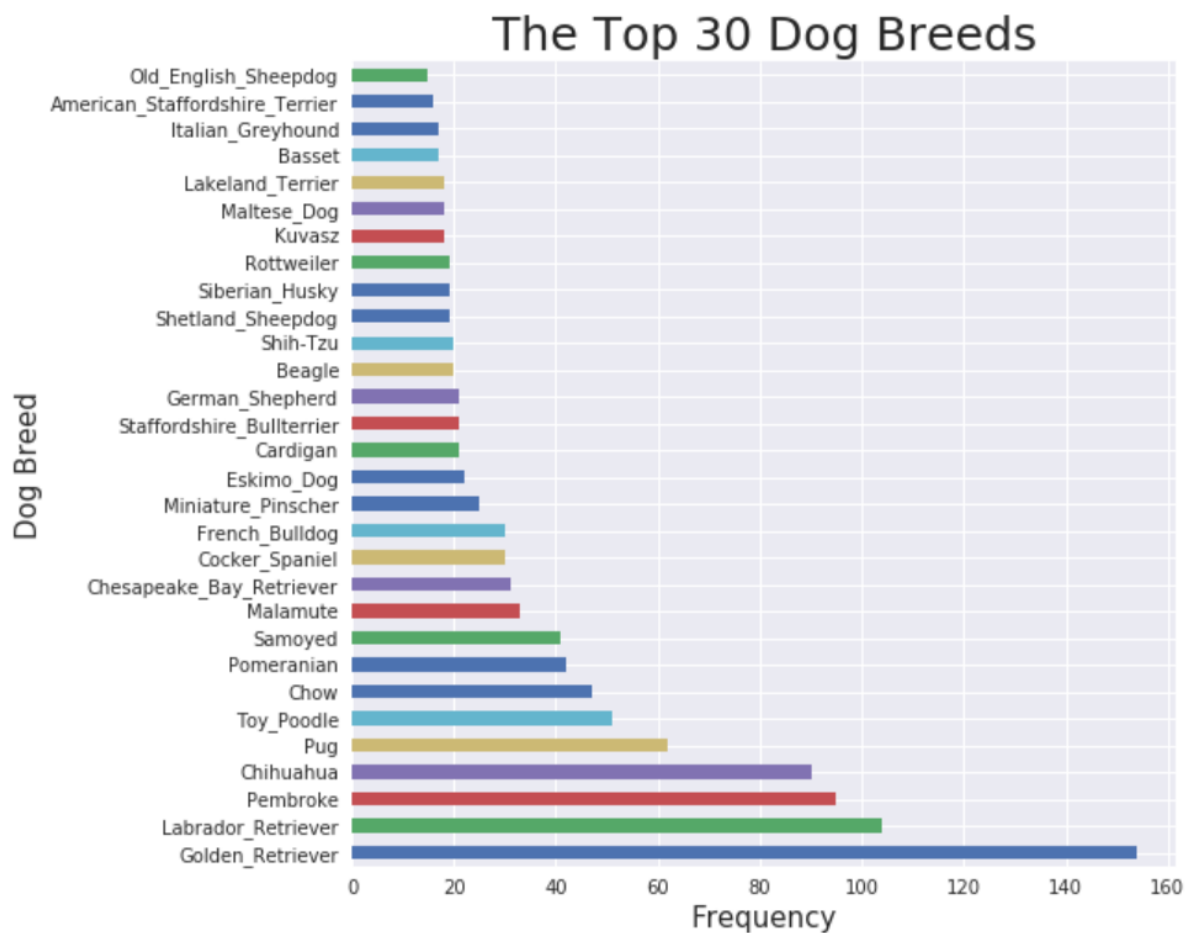
3/13/2019

The We Rate Dogs Twitter Universe was fun to analyze. The project required cleaning and joining three separate data sets for analysis.

The majority of my analysis revolved around looking at the components of dog breeds and dog categories.

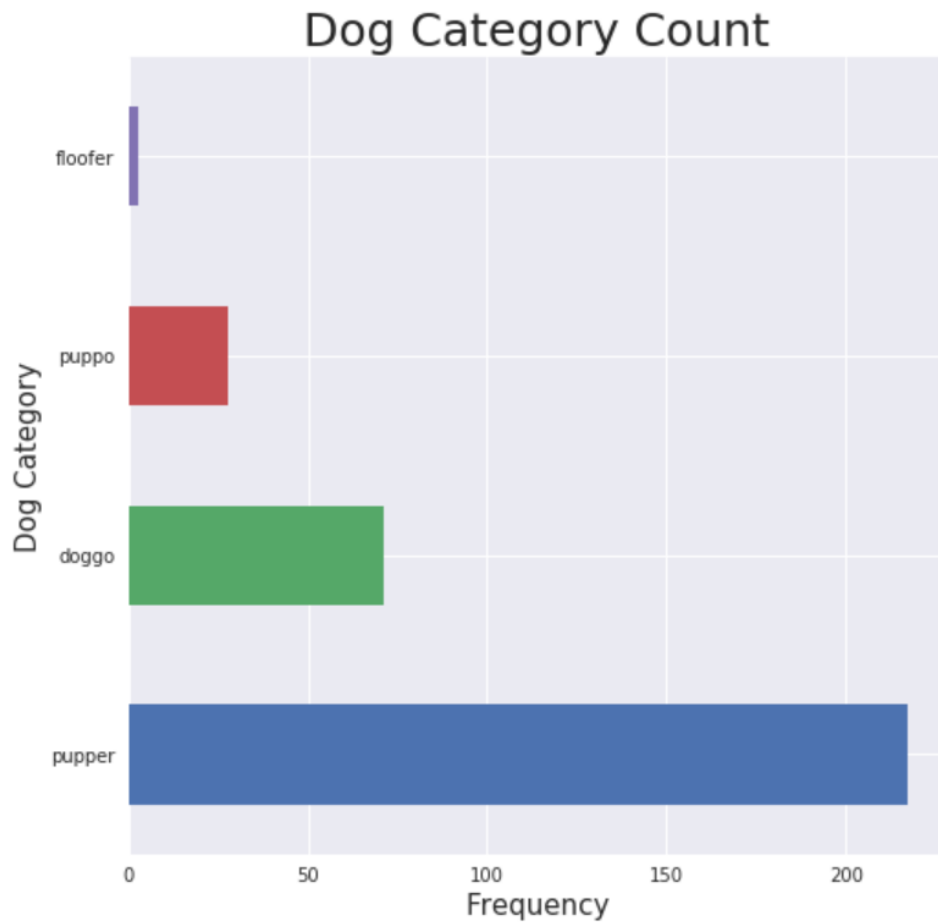
### Analysis

I was curious what dog breeds appeared most within the We Rate Dogs Twitter verse. The use of definitions made it easier to look at several different aspects of the data frame with ease.



The 30 most popular dogs are depicted above. I can't say that I was surprised to see the Golden and Labrador Retrievers coming in at first and second.

I then looked at what the most popular dog categories are.



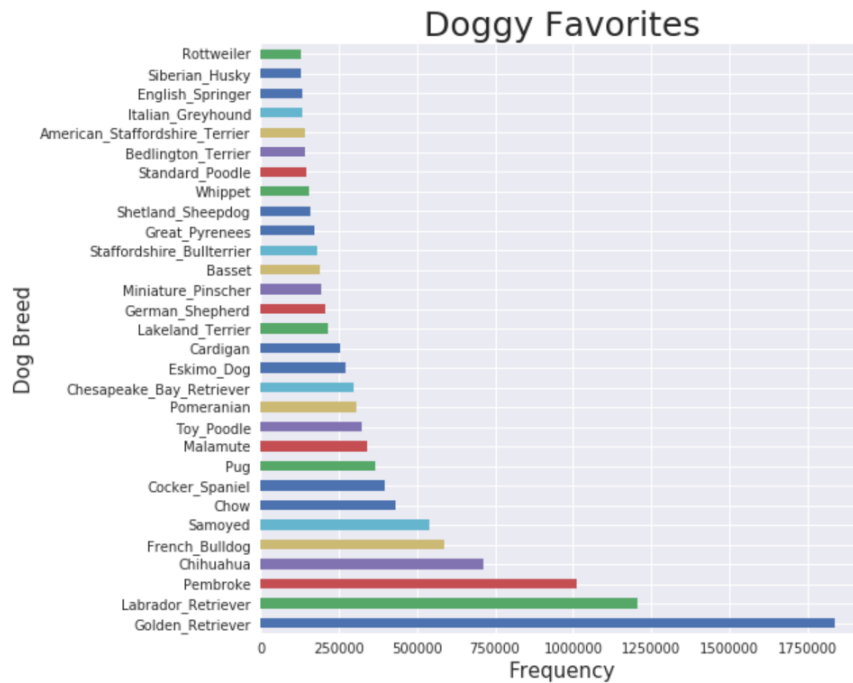
Looks like a Pupper easily comes in at the top spot. A Pupper is a small doggo

Doggo came in second. A Doggo is a big pupper, usually older.

Floofer comes in dead last. A Floofer is any dog really...hmmnnn?

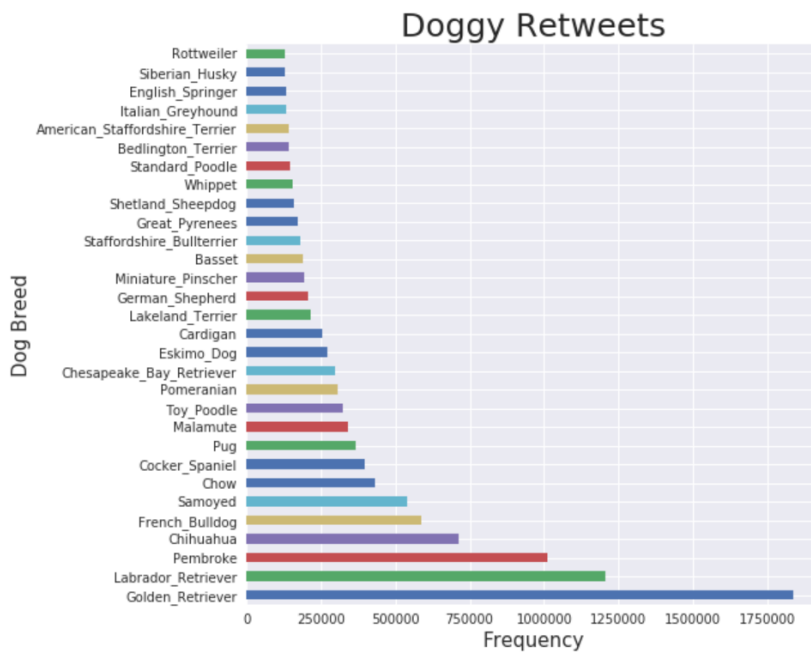
Regardless, They're all good dogs Brent!

From there I wanted to look at which dog breeds are fan favorites. I checked the breed against favored status.

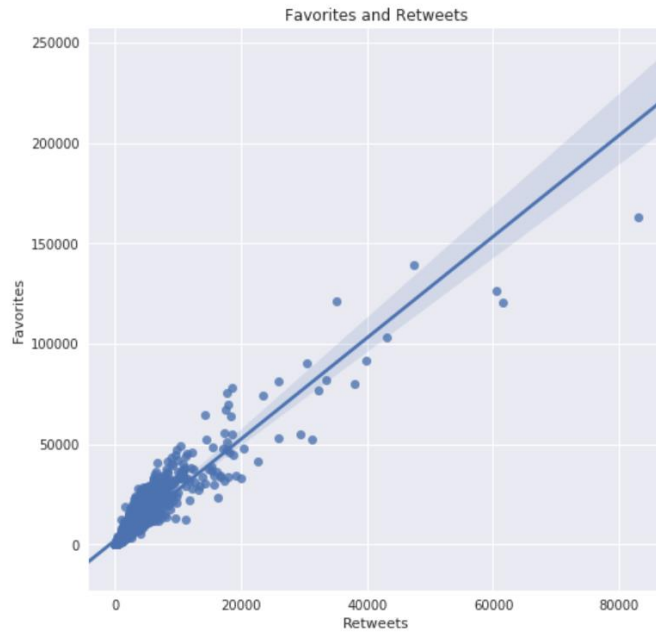


Again, the Retrievers placed first and second. The French bulldog made a big jump!

I then wanted to know what breed is most often retweeted?



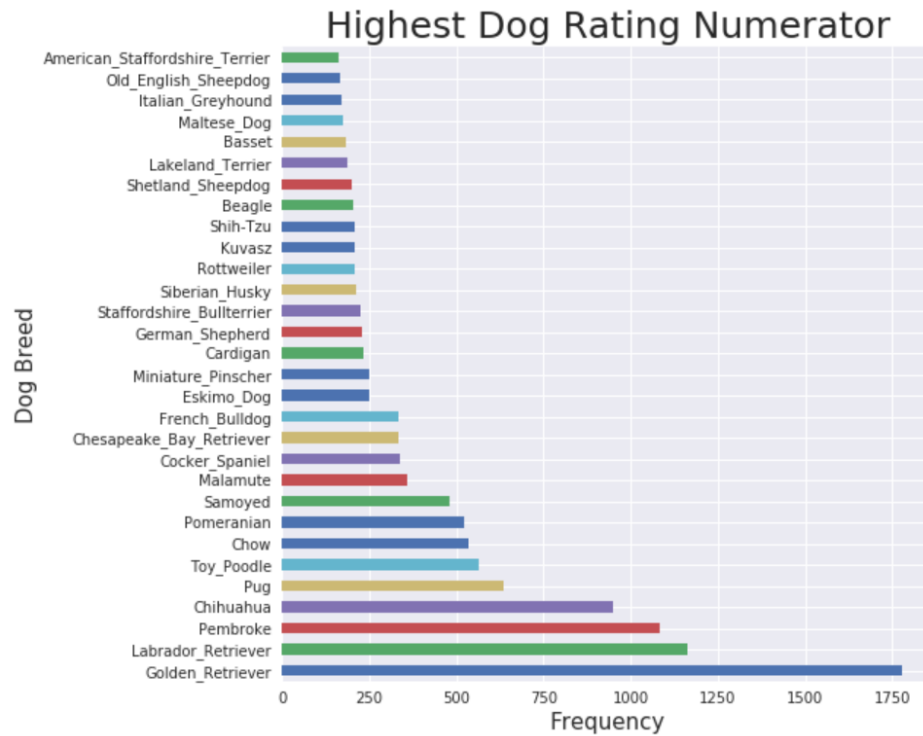
Since we were on the topics of retweets and favorites, I thought I would look at the linear relationship between the two.



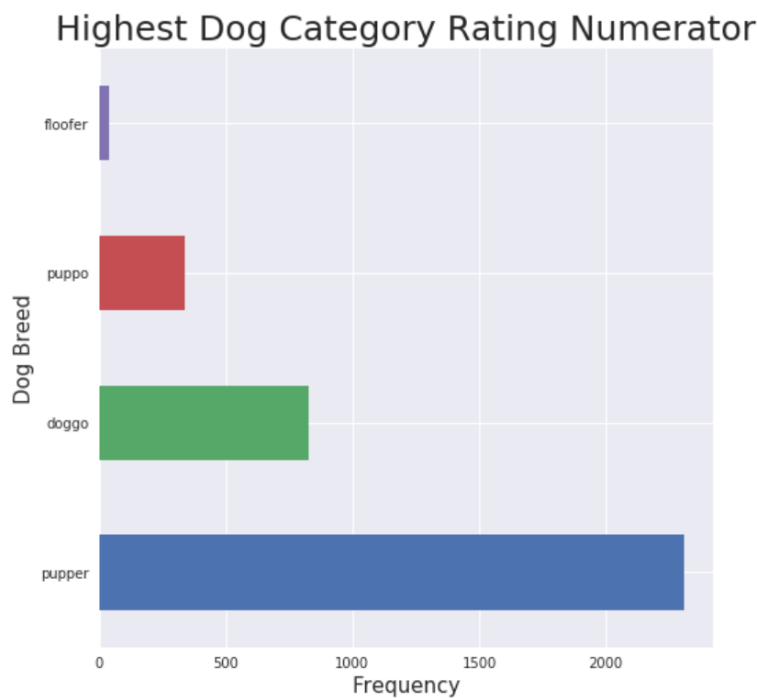
	tweet_id	rating_numerator	rating_denominator	img_num	confidence	retweets	favorites
tweet_id	1.000000	0.028185	NaN	0.211530	0.147054	0.386650	0.613825
rating_numerator	0.028185	1.000000	NaN	0.000102	-0.022315	0.022906	0.021870
rating_denominator	NaN	NaN	NaN	NaN	NaN	NaN	NaN
img_num	0.211530	0.000102	NaN	1.000000	0.139295	0.100071	0.125387
confidence	0.147054	-0.022315	NaN	0.139295	1.000000	0.031829	0.076288
retweets	0.386650	0.022906	NaN	0.100071	0.031829	1.000000	0.929388
favorites	0.613825	0.021870	NaN	0.125387	0.076288	0.929388	1.000000

Apparently, retweets and favorites have a strong relationship with one another.

Which dog breed has the highest rating numerator in total?



The Golden Retriever has earned the highest total rating according to the sum of it's numerator.



Pupper earned the highest rating of dog classification according to the sum of the category numerator.