

## Insights on the Tweet Archive of Twitter user WeRateDogs

In November 2015, [WeRateDogs](#) opened its twitter account and since then has gained global recognition in the area of dog rating. Recently, the twitter records of [WeRateDogs](#), from inception till January 1, 2017 have been compiled and further analysed to provide valuable insights on the available data.

Interestingly and not so surprising, out of 1,448 tweets, the most common dog breed tweeted about was the Golden Retriever with a total of 131 tweets. Labrador retriever, Pembroke, Chihuahua and Pug were the 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> most tweeted about with total of 91, 88, 78 and 54 tweets respectively.

Below is a table showing the dog breeds with the highest favourite count as well as their respective retweet count.

S/N	Dog Breed	Favourite Count	Retweet Count
1	Golden Retriever	1613204	472902, (1)
2	Labrador Retriever	1104820	359558, (2)
3	Pembroke	994755	280367, (3)
4	Chihuahua	673526	219610, (4)
5	Samoyed	542991	184922, (5)
6	French Bulldog	465738	121782, (6)
7	Chow	404241	116361, (7)
8	Pug	320223	99182, (10)
9	Cocker Spaniel	315825	100561, (9)
10	Pomeranian	299114	106518, (8)

These 10 dog breeds represented the top 10 both in favourite and retweet count. This shows that there is high correlation between the favourite and retweet count.

Now for the favourite and retweet count of the different dog stages.

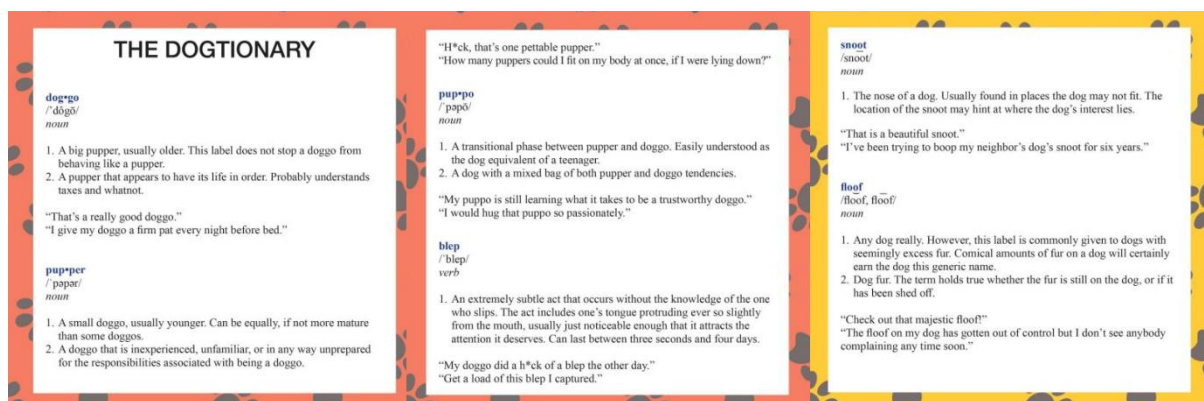
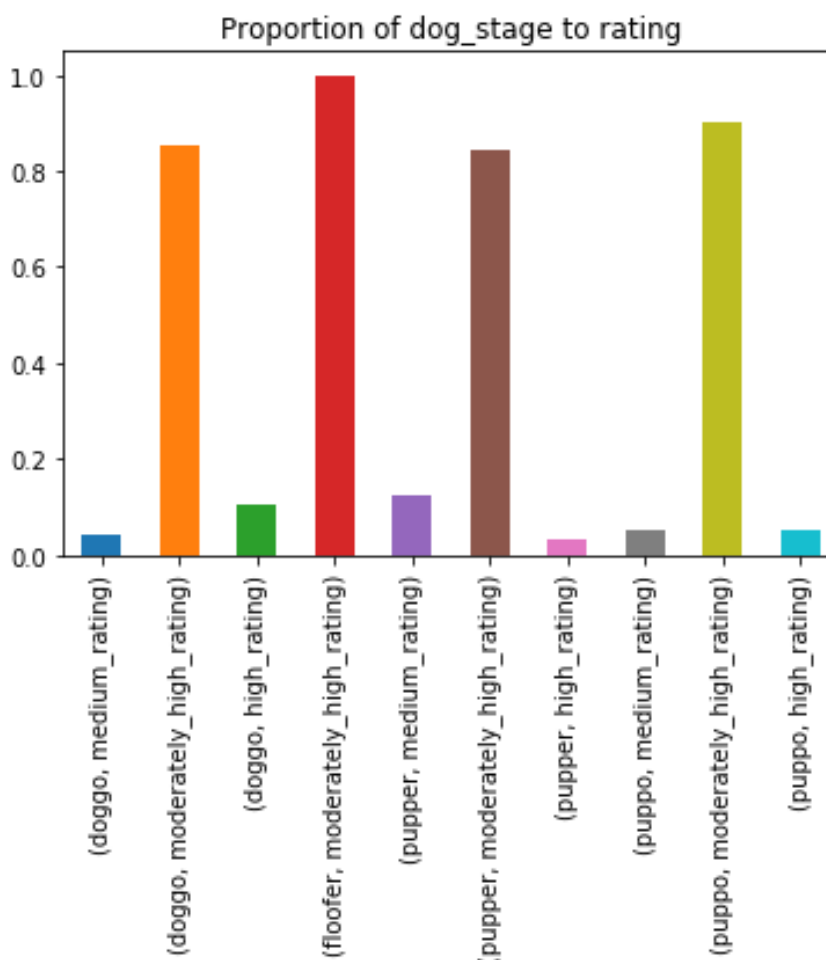


Fig 1. The Dogtitionary explains the various stages of dog: doggo, pupper, puppo and floofer (via the #WeRateDogs book on Amazon)

S/N	Dog Stage	Favourite Count	Retweet Count
1	Pupper	1179867	373725
2	Doggo	986705	364553
3	Puppo	471700	143674
4	Floofer	109611	38214

The value of the favourite and retweet count for the different dog stages goes further to highlight that there might be a strong correlation between favourite count and retweet count.

However, further data exploration showed that the dog stage with the highest favourite and retweet does not necessarily mean that that particular dog stage has a high rating proportion. The bar graph below clearly depicts all dog stages and their rating proportion.



Rating	Band
High	2-5
Moderately High	6-9
Medium	10-13

Fig 2. These ratings have a denominator of 10 but as seen, some ratings are greater than 10 because some dogs are just so cute.

The dog stage, floofer, only has one rating type because no dog in that stage got a high rating or medium rating.

In conclusion, if you want your hound to be rating highly by WeRateDogs, go get yourself a doggo. However, if you are prefer more retweet and favourite count for your canine, then one of the Retrievers might just be what you need.