

# WeRateDogs Data Wrangling Project Visualization and Analysis

Are you are a dog lover? Then I'm sure you will love to take a look at *WeRateDogs*.

WeRateDogs is a Twitter account that rates people's dogs. It also adds funny comments about these lovely dogs' pictures. The best part is yet to come these ratings always over a 100%! How is that possible? Well, here is the secret Numerator is always higher than Denominator.

If you are a dog lover you will be very glad by visiting this site.

Now, here comes the magic of data analysis! Below I will display some figures and charts that analysis this site data based on users interactions.

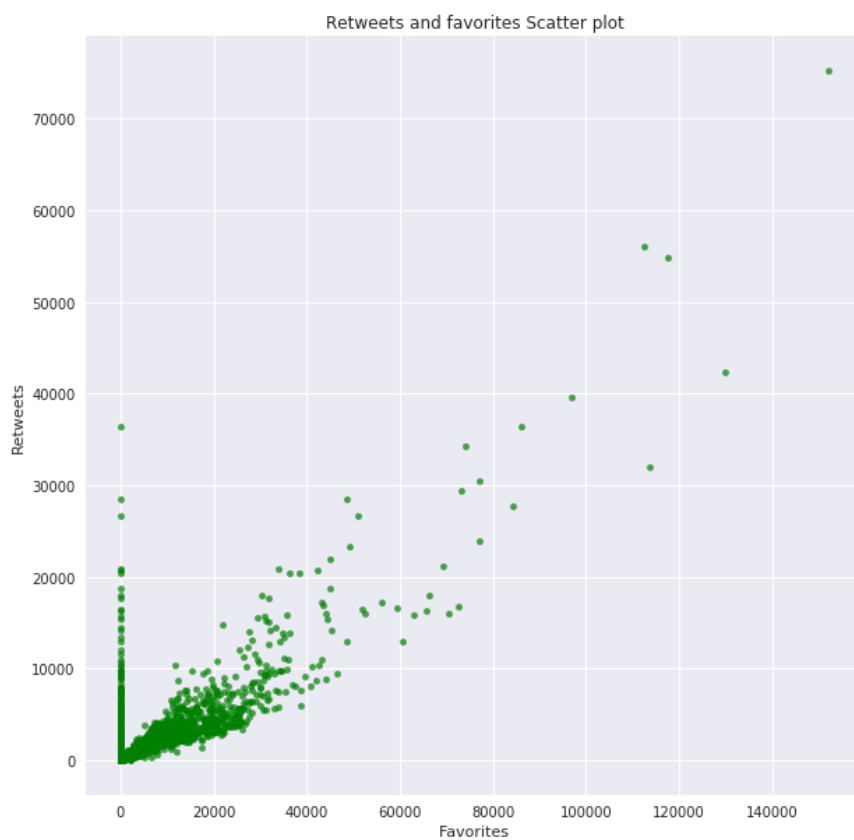
The first question that comes in mind how do we measure interaction? Well this pretty simple, it is done by measuring the number of tweets and retweets or "share". Another factor we take into consideration is favorites or "likes". Based on these factors you can notice and analysis what do most of this page visitors prefer.

By taking a good look at these charts you will notice that the relation between retweets and like is directly proportional this means as likes increase retweets also increase.

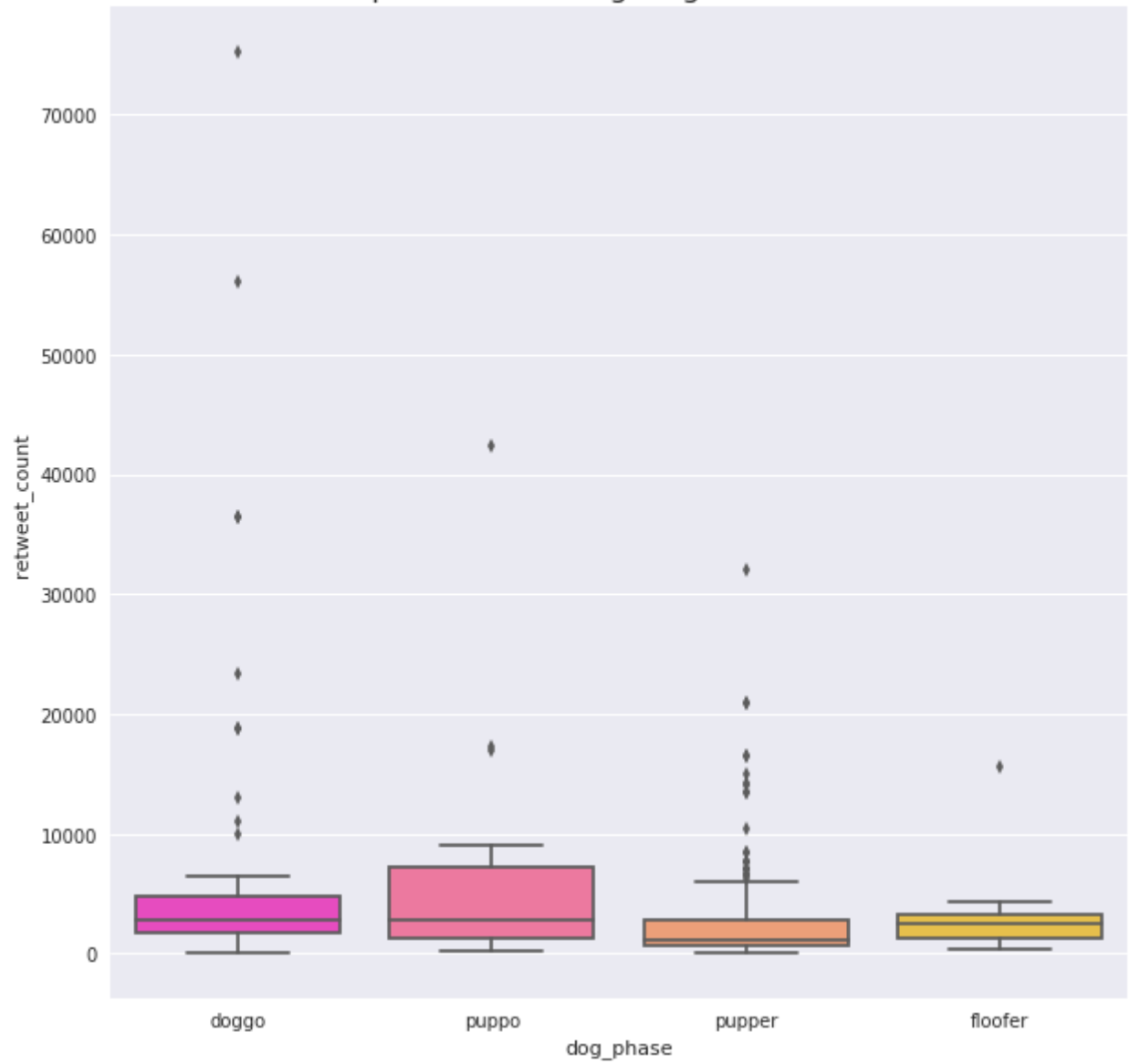
You can deduce that most dogs are in Puppo category of dogs, but highest retweets are always about doggo dog category. To make this point more clear, in this site dogs are classified into four different stages doggo, floofer, pupper, and puppo.

Also, you can easily notice that rating 12 is the most common rating as we go date wise plot.

In addition, I will include a descriptive table, that shows some statistical values for the site data, and its charts, in case you are interested and would like to sneak a peek.



Boxplot between dog stages and retweet



	tweet_id	retweet_count	favorite_count	rating	p1_conf	p2_conf	p3_conf
count	2.356000e+03	2331.000000	2331.000000	2356.000000	2009.000000	2.009000e+03	2.009000e+03
mean	7.427716e+17	2618.247533	7380.373230	13.126486	0.594467	1.340727e-01	6.017061e-02
std	6.856705e+16	4430.314528	11462.485334	45.876648	0.272236	1.006394e-01	5.085369e-02
min	6.660209e+17	1.000000	0.000000	0.000000	0.044333	1.011300e-08	1.740170e-10
25%	6.783989e+17	530.500000	1282.500000	10.000000	0.362925	5.353130e-02	1.610520e-02
50%	7.196279e+17	1222.000000	3201.000000	11.000000	0.588230	1.170030e-01	4.947150e-02
75%	7.993373e+17	3040.500000	9032.500000	12.000000	0.847292	1.948970e-01	9.157150e-02
max	8.924206e+17	75234.000000	152175.000000	1776.000000	1.000000	4.880140e-01	2.734190e-01

