

# Udacity Wrangling & Analyzing Twitter

## Data (WeRateDogs Project)

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### Introduction

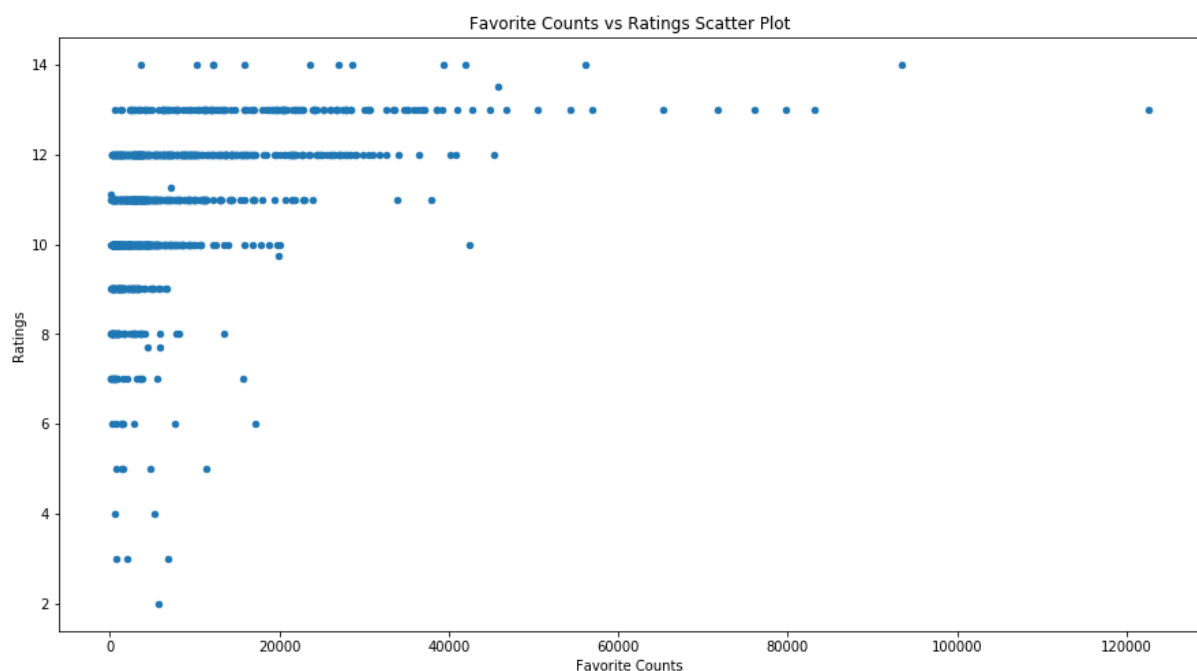
The analysis based on posts of WeRateDogs twitter account. The account rates people's dogs and always give points with denominator of 10. However, since they think every dog deserves good rating, the account usually gives more than 10 points as numerator.

Actually they have a popular meme about this rating system called "*they're good dogs Brent*". When a person namely Brant, complain about their rating logic and they gave this humorous answer.

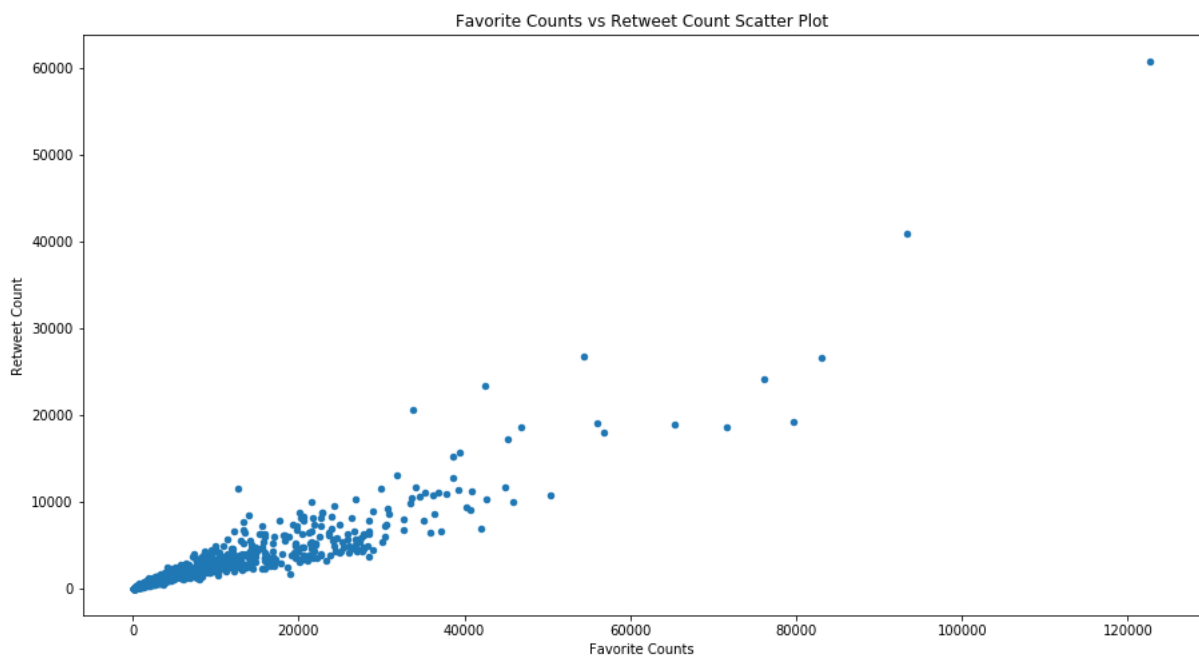
The analysis consists of ratings, retweets and favorite counts overtime.

### Analysis

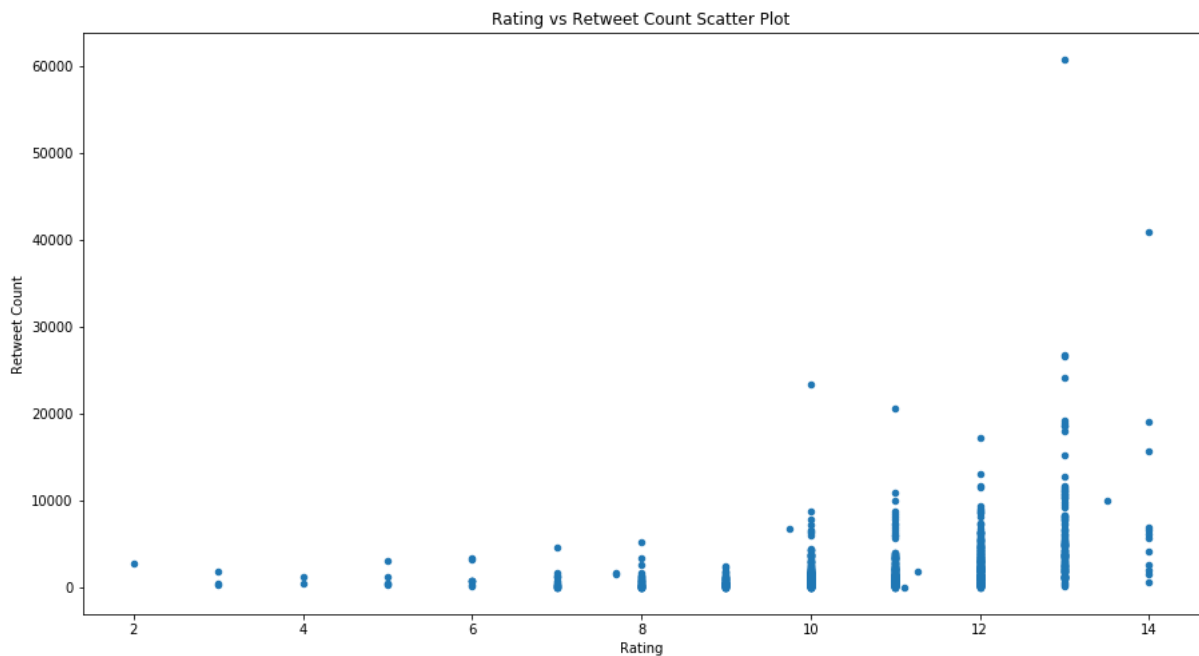
First, I have looked at some scatter plots such as: Favorite Counts vs Ratings:



We see that majority of ratings are between 10 and 15.

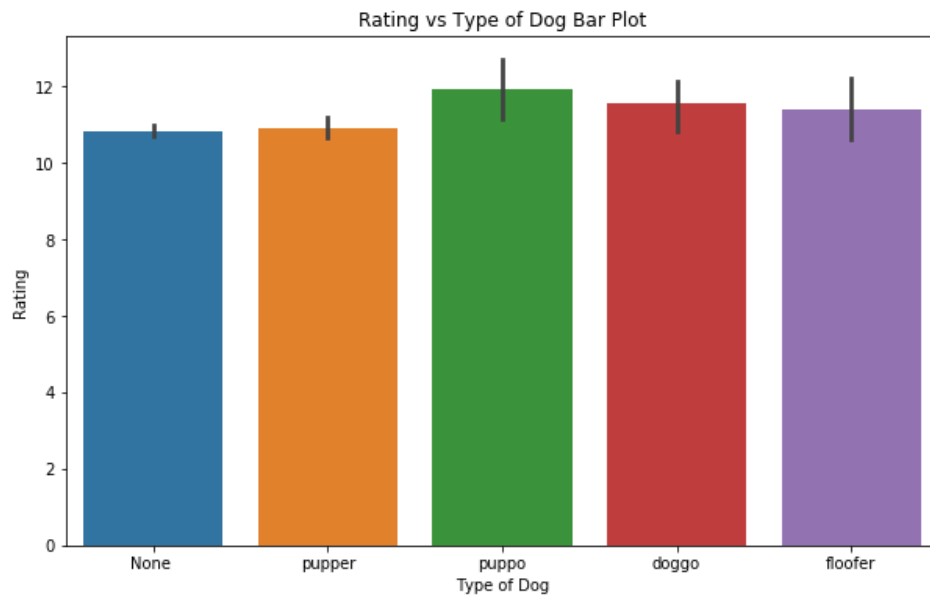


Favorite Counts vs Retweet Count scatter plot shows us there is linearly positive correlation between favorite and retweet amounts. Most of the tweets have retweeted less than 10.000 and favorited less than 40.000.

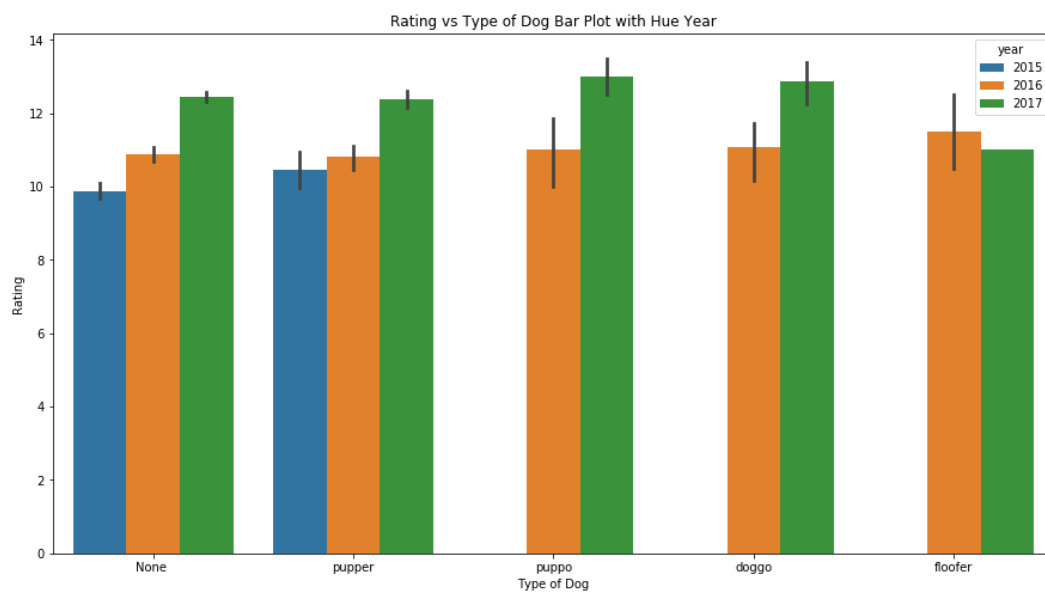


The graph above shows that there is linearly positive relationship between rating and retweet count. In addition, the most retweeted dog is not the highest rated.

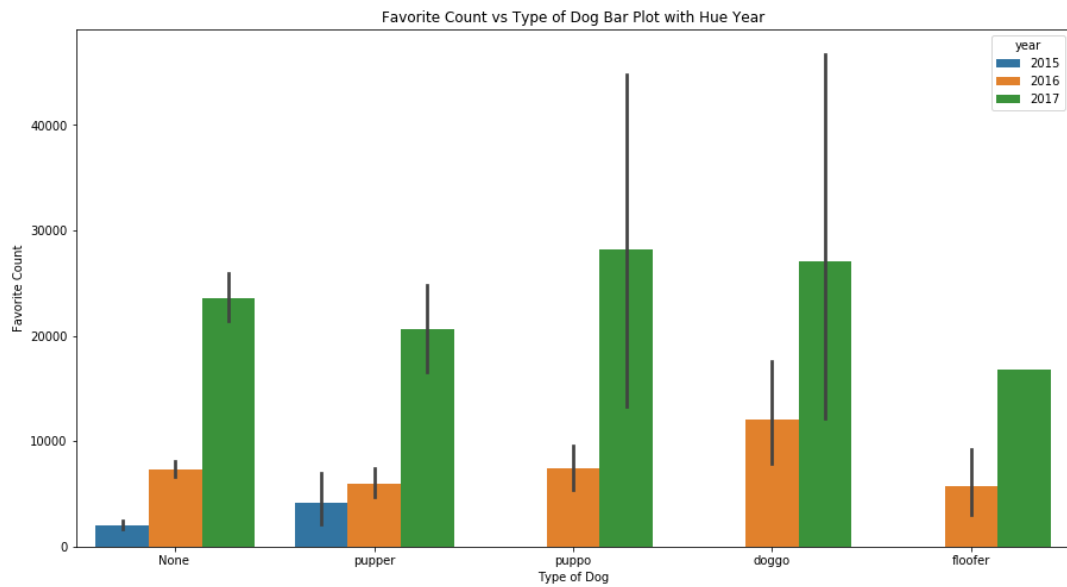
Moreover, I have looked at type of dog vs rating and other metrics.



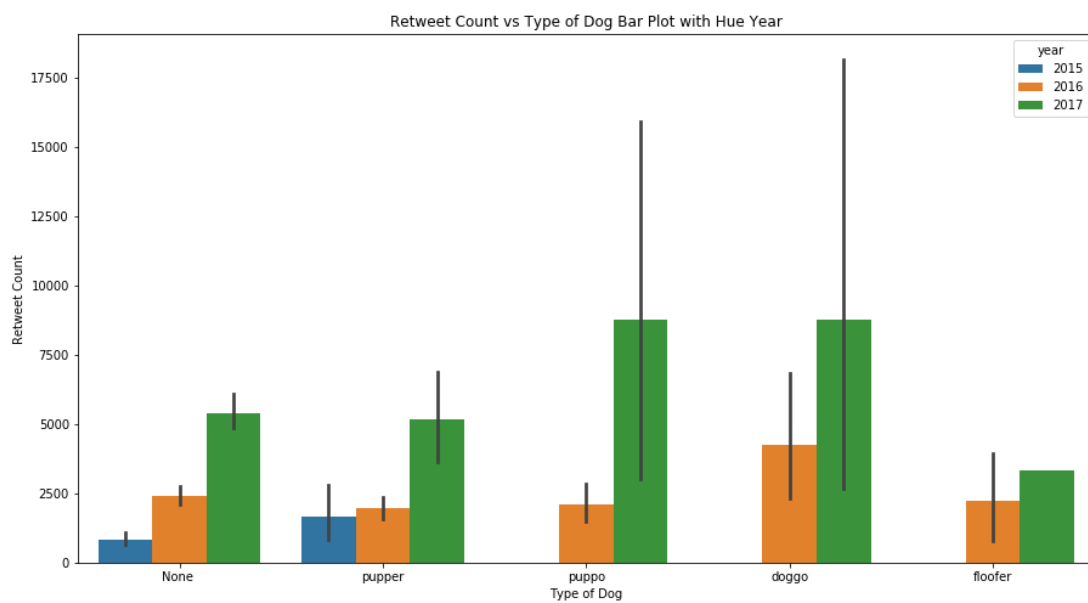
The graph above shows that Puppos have highest average rating and the lowest are Puppets, yet all of them are greater than 10 as we mentioned before.



When we looked at the yearly trend, we see that there is no puppo, doggo and floofer ratings at 2015. In addition, ratings are increased over time for all type of dogs.



Favorite counts also shows similar pattern with rating. Puppo is leading favored dog type on average.



While trend line is upward again, Puppo and Doggo are very close with respect to retweet count.

On detail, the highest retweet count also has highest favorite count. The dog's name is Stephan and he just want to help(!).



Last but not least, the dog who has highest rating and higher favorite count named as Bo. He was a very good First Doggo!



## References

<http://knowyourmeme.com/memes/theyre-good-dogs-brent>