

# Bucky Barnes

My best friend



**Age:** 4 years

**Sex:** Male

**Weight:** 33 pounds

**Breed:** Mutt

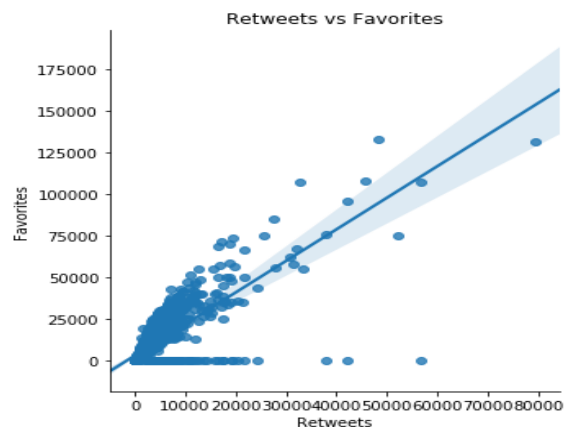
## WRANGLE ACT REPORT - INTRO

WeRateDogs is a Twitter handle with only one goal in mind - rate your doggos. Or puppies. Or puppos. Or floofers. Or any dogs, as the name suggests. With over 10K posts, around 8 Million followers, it was only a matter of time before they became the target for good old data exploration. This data wrangling project was commissioned to ensure that WeRateDogs and all the doggos in their network get the insights they deserve.

## INSIGHTS AND DATA VIZ

**1. Retweets and Favorites** - With a strong following with retweets and favorite counts, the data analysis has revealed that retweets and favorite counts have a strong linear relationship i.e. an increase in retweets tends to increase the favorite count and vice-versa. The no. of favorite count, however, outweighs the retweet count. With such cute puppies, who can deny?

The figure below bears testimony to the fact:



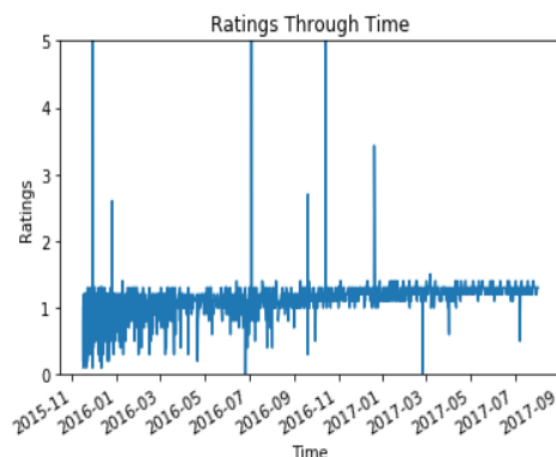
2. **Ratings** - The overall ratings these furry balls of happiness appear to be positive and within a range of 0 - 1.5. While that may be surprising, allow me to explain: They mostly receive ratings in a numerator/denominator format. What we have done in this project is take that ratio. This means that a rating of 1 is actually a perfect score such as 10/10. Naturally, that means any rating of more than 1 is actually really good such as 666/10 or 13/10.

Now while we see the ratings improve (i.e. they get closer and closer to 1 and above) over time, we also notice a drop in frequency.

The most popular ratings are 1.0, 1.1 and 1.2 with an extreme rating of 177.6 and a lowest rating of, unfortunately, 0.

The ratings seem to have a very high standard deviation of around 3.99 which makes the doggo rating market rather volatile.

Here's another figure if that isn't convincing:



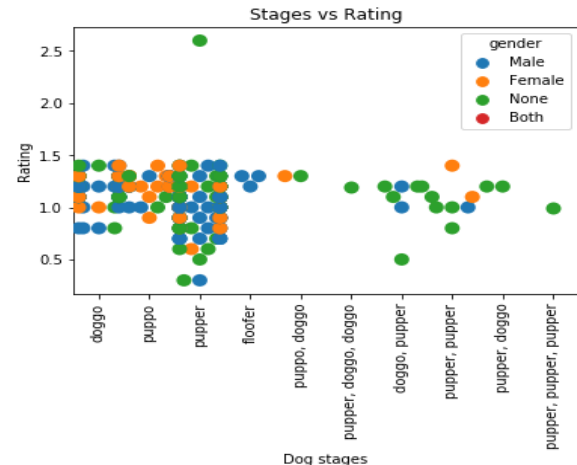
3. **Dog Stages** - The nice folks of WeRateDogs have made our jobs easier by already dividing the 'classes' of dogs we see as 4 different 'stages', namely, pupper, doggo, puppo and floofer.

One of our analyses reveals that it is, indeed, quite difficult to make out the gender of puppers perhaps owing to their rather tiny form factor and mesmerizing eyes.

Interestingly enough, almost all floofers in our data seem to be male.

Puppers and doggos seem to be dominating the field followed by puppos and, finally, floofers. Doggos (yes, not puppers) seem to be leading with the highest ratings overall.

Here's a snapshot of the stats:



## CONCLUSION

As we can observe, the evidence is rather strong with this one. This analysis revealed 3 key characteristics about the dogs on WeRateDogs - Retweets, Ratings, Stages.