# Analyzing and Visualizing WeRateDogs
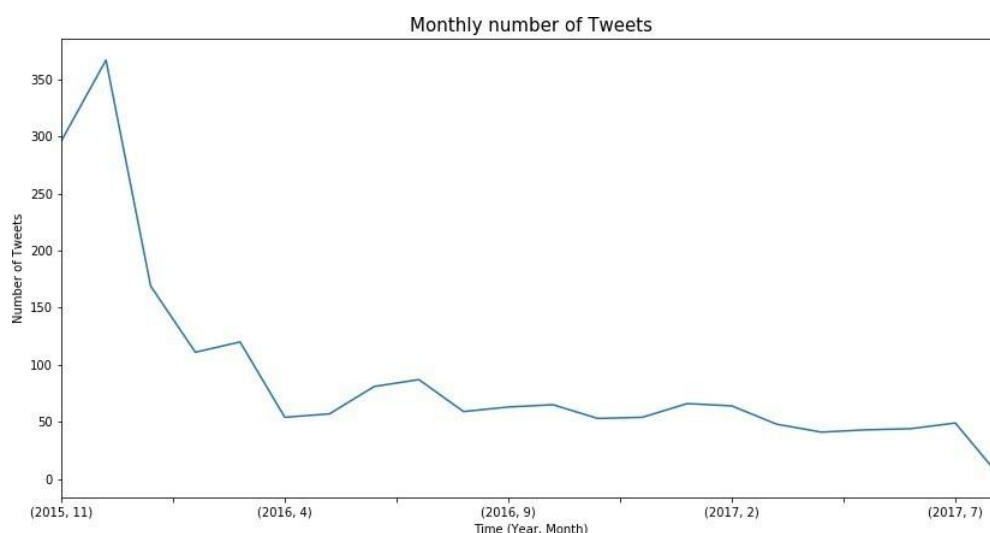
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## Introduction

Have you heard about one of the most famous meme of 2016 *"they're good dogs Brent"* and the twitter account WeRateDogs*?* Probably yes, but if not. Here I can tell you a bit about it and better than that I can show you some fun analysis of WeRateDogs tweets data.

First, WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators however are almost always greater than 10 (11/10, 12/10, 13/10, etc.). In theory the rates should be 1 to 10. However, WeRateDogs disagree, they admit almost all dogs deserve a 10 and sometimes more than that.

WeRateDogs has over 6 million followers and has received international media coverage. One of those coverage were about the quote *"they're good dogs Brent"*, this was an exchange in which WeRateDogs shut down a person having an issue with its rating system in humorous ways.

So what does this rating do? Which dog type (breed) is most common dog in the tweet dataset? What dog type has the highest average rating? These questions and more are answered in the following insights:

## What is the monthly number of tweets?



Most tweets were posted in December 2015 (367 tweets). Afterwards the number of tweets decreased rapidly April 2016 and remained fairly constant since then until July 2017.

## Lowest average rating among dog types

Almost all dogs deserve ratings above 10. This is a notable exception (for the curious ones). This Japanese spaniel has the lowest average rating.





This is an example of the most rated dog type (Golden retriever). The average rating was also high (11.59). No wonder why! Cute!!

## What is the difference of the retweet and favorite count depending on the presence of a dog's name and the rating numerator?

There is only a slight difference in the retweet count between ratings with a

The mean Retweet Count for Dog Rating Numerators above 10 is 3730.0.

The mean Retweet Count for Dog Rating Numerators under 10 is 3139.0.

The mean Favorite Count for Dog Rating Numerators above 10 is 12695.0.

The mean Favorite Count for Dog Rating Numerators under 10 is 10443.0.

numerator above or under 10. The difference between them regarding the favorite count is more visible. So, if your dog got a rating numerator above 10 there is a good chance your dog will get more favorites ;).

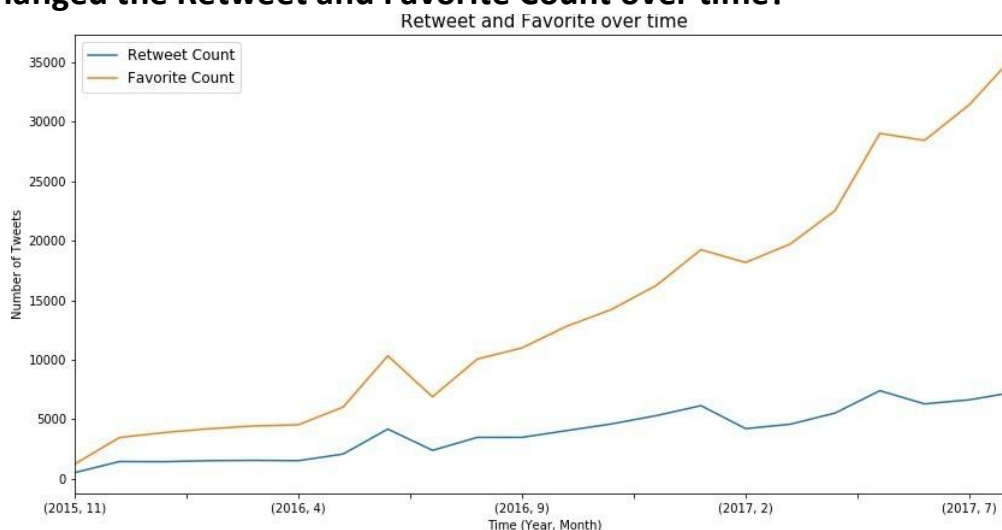The mean Retweet Count for Dogs without a name is 2854.0

The mean Retweet Count for Dogs with a name is 2593.0

The mean Favorite Count for Dogs without a name is 8236.0

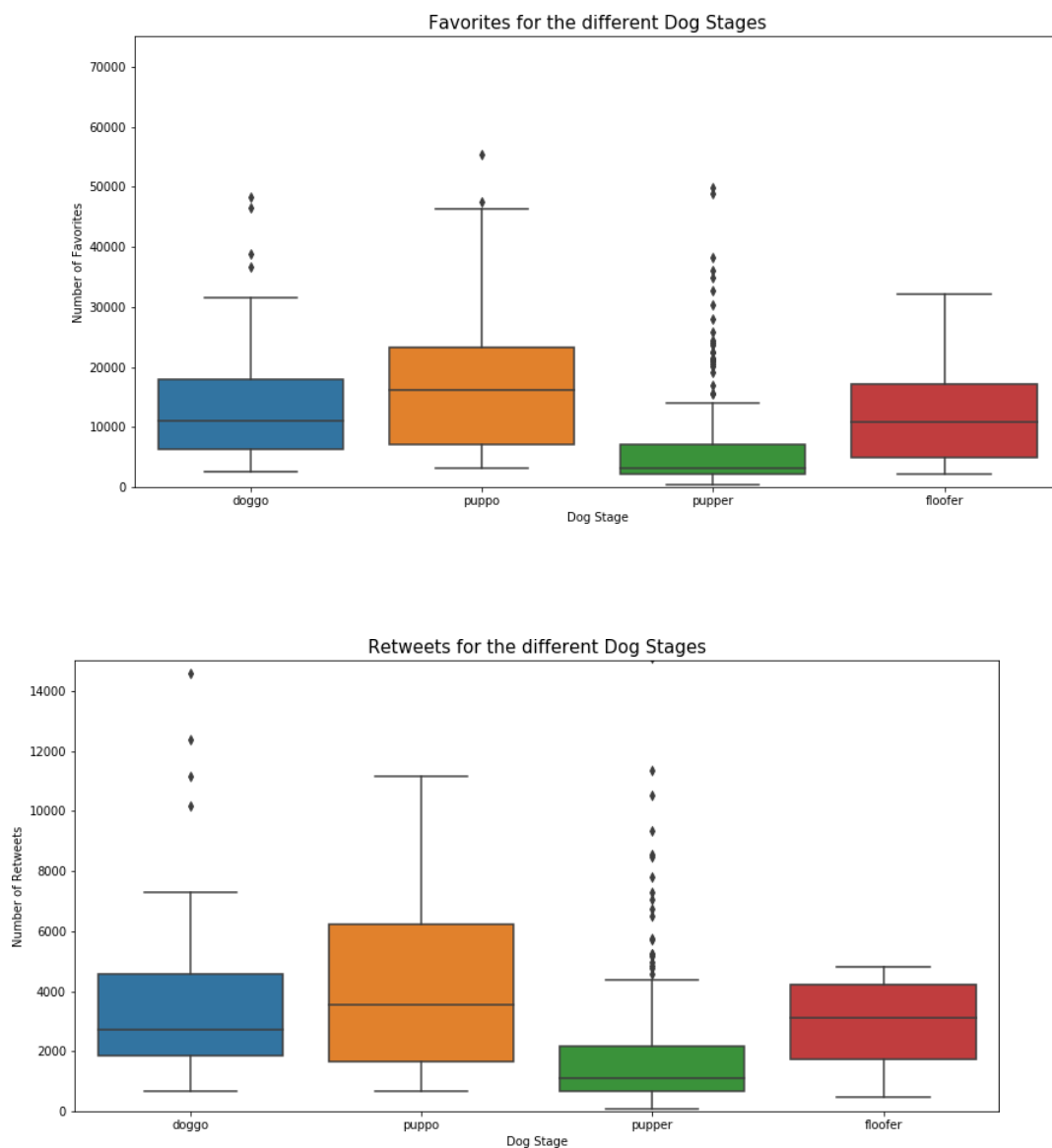The mean Favorite Count for Dogs with a name is 9032.0

Tweets including dog names are more likely to be favorited but slightly less likely to be retweeted.

## How changed the Retweet and Favorite Count over time?



The first thing that caught my eye is that there are far more favorites than retweets. Both, favorites and retweets, increased over the time. While the favorite count increases strongly with the number of tweets, the retweet count seems almost indepedent of the number of tweets.

## Which dog stage received the most retweets and which the most favorites?



Favorites for the different Dog Stages



Retweets for the different Dog Stages

Puppos and Floofers are the most retweeted and favorited dog stages. Overall, pupper is the least retweeted and favorited dog stage.