

# Analyzing and Visualizing WeRateDogs

By Abhijit Dey

## 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.

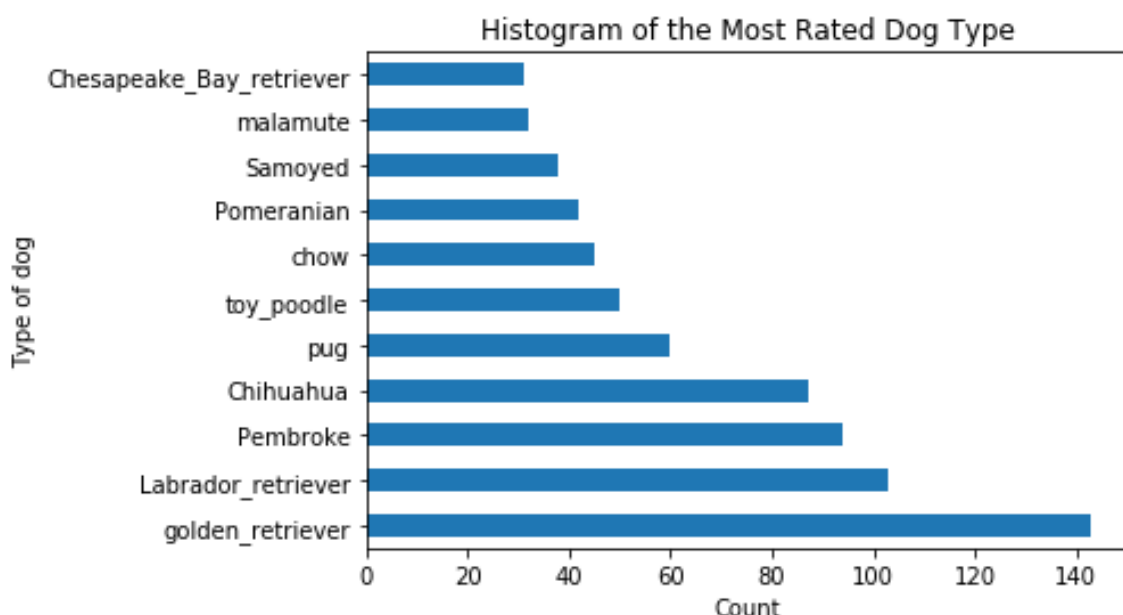
First, WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators however are almost always greater than 10 (11/10, 12/10, 13/10, etc.). In theory the rates should be 1 to 10. However, WeRateDogs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

## Most common dog type

WeRateDogs has over 6000+ tweets. I was able to analyzed around 1500+ tweets. The most rated dog was golden retriever with more than 140 ratings.



## 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.

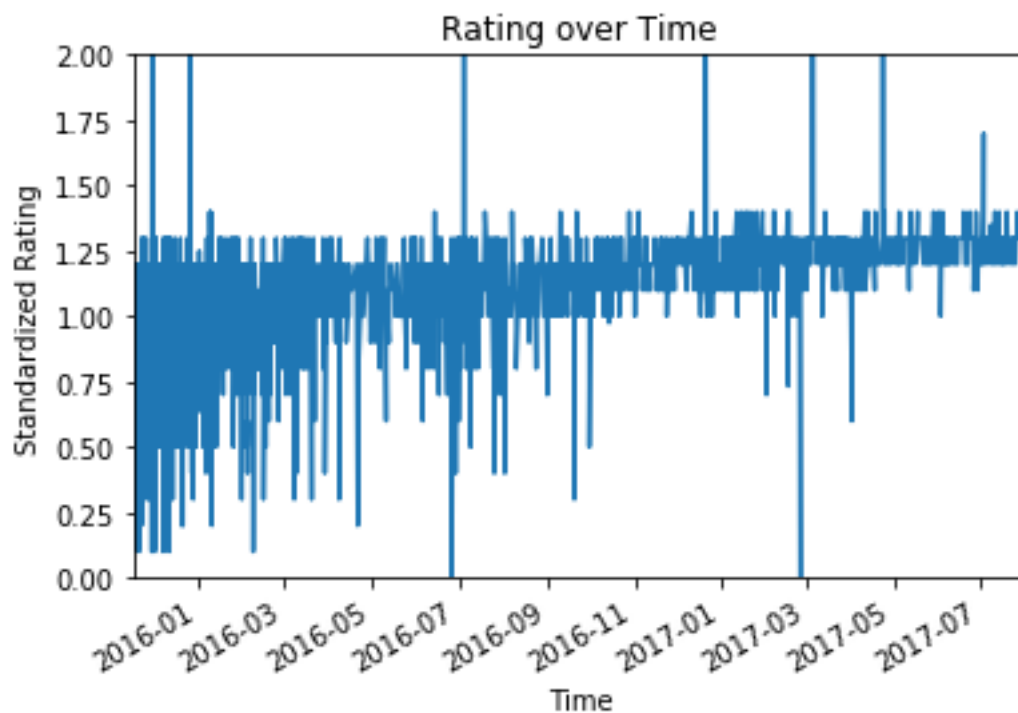


This is an example of the most rated dog type (Golden retriever). The average rating was also high (11.59). No wonder why! Cute!

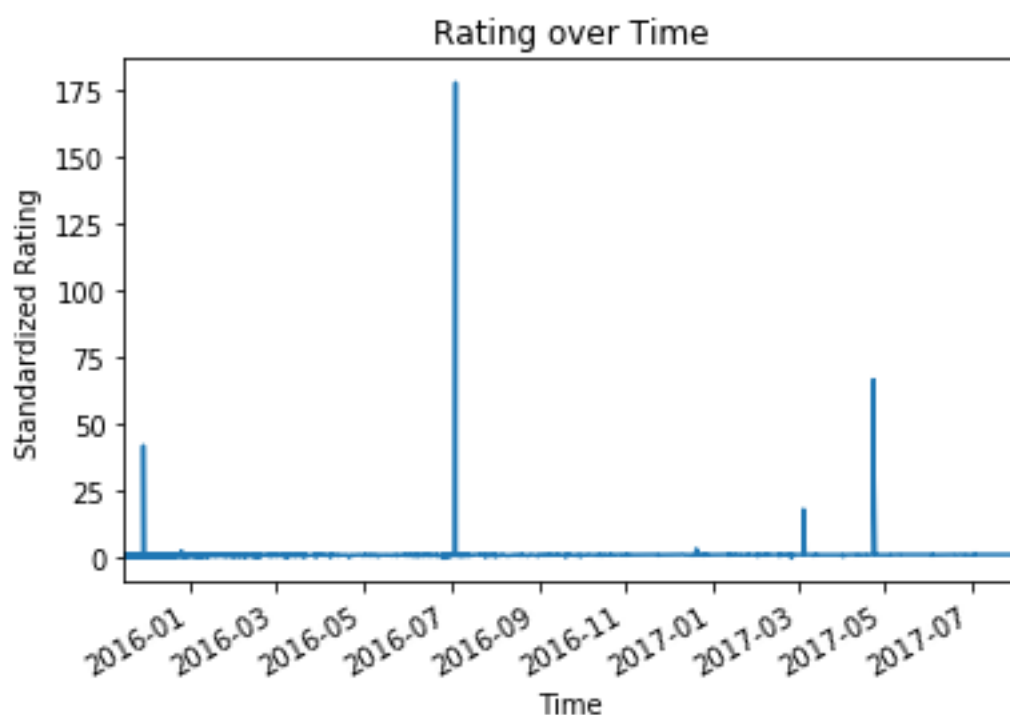


## Rating Over time

Indeed it appears that overtime the frequency of ratings below 1 decreases. Before 2016-11 there many ratings below 1, while after that time there are barely any.



The first instance is a rating of 24/7 which is inaccurate and I had found when looking for quality errors but decided not to fix. If we were required to fix all problems then this tweet could be removed but I will ignore in this case. The other 2 tweets are accurate ratings that are jokes. I am more interested if the tweets with a standardized rating of below 1 decrease over time therefore I will limit the y axis from 0 to 2



## Golden retriever stands out!

The blue dot on the very right represents the approximately 140 ratings of golden retriever. On average these ratings are high 11.59. This really shows that the golden retriever is very popular.

Average Rating of Dog Type by Number of Ratings of a Dog Type Scatter Plot

