

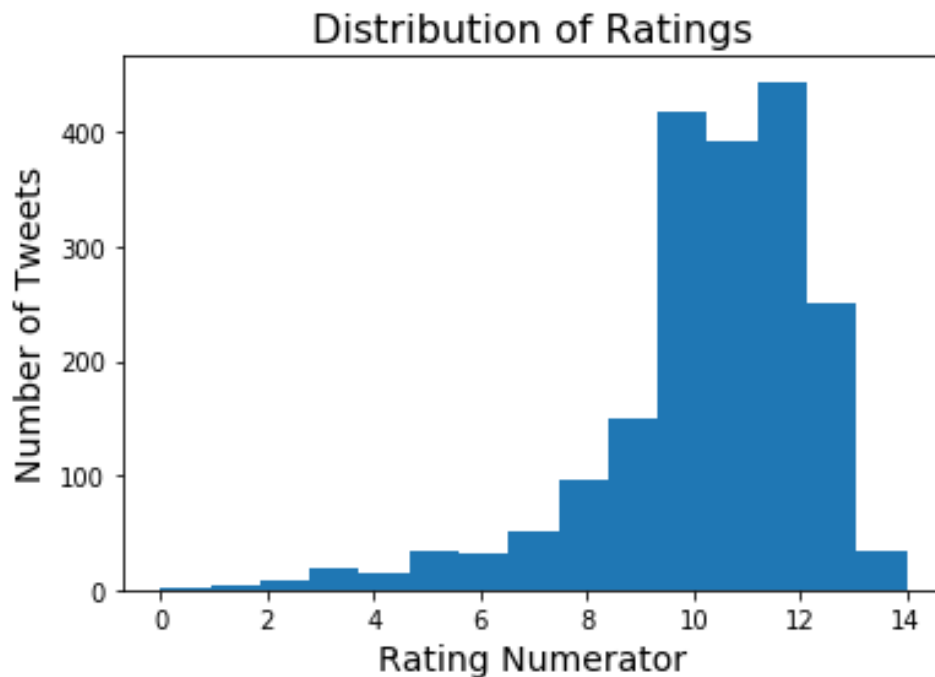
# WeRateDogs – Act Report

WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. It has over 4 million followers and has received international media coverage. In this project, data about WeRateDogs Tweets are collected from a number of sources, assessed, and then cleaned for final analysis. This report provides some descriptive statistics of the data and insights from the final analysis.

## Descriptive Statistics and Insights

- **Most dogs get pretty high ratings!**

If the rating denominator is controlled to 10, a whopping 78.99% of the dogs have a rating of 10 or higher. As shown in the histogram chart below, the distribution of ratings is skewed to the left.



- **Many of the Tweets with high favorite and retweet counts are videos**

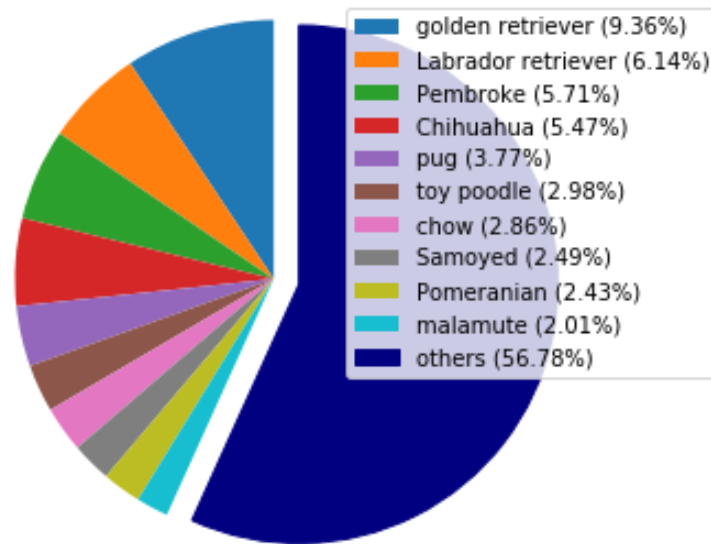
The content of the Tweets in Top10 favorite and retweet counts was manually examined. Here are some interesting findings:

- Almost all Tweets are with high ratings
- No particular dog stage or breed stands out
- However, videos seem to be more popular than images. 4 out of 5 most retweeted Tweets and 3 out of 5 most favorite Tweets are videos

- **People just love golden retriever (including me!)**

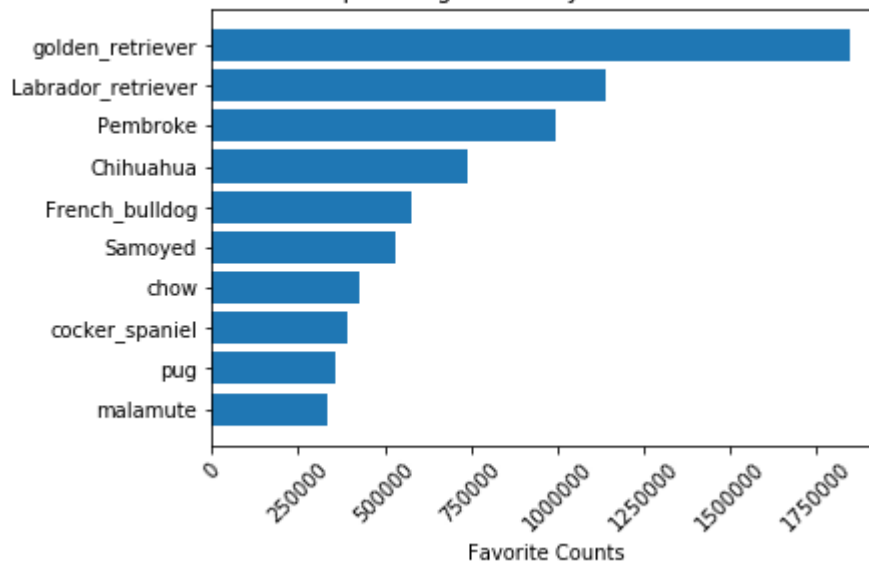
Of the Tweets with a specified dog breed, golden retriever accounts 9.36%.

Percentage of Tweets with specified breed



And it seems it is not a personal preference of the WeRateDogs creator. Golden retriever has the most favorites from WeRateDogs followers too!

Top 10 Dog Breeds by Favorite Counts



- **Tweets with certain dog breeds get more favorite and more likely to be retweeted**

The eight dog breeds below are in both 10 most favorite breeds and 10 most retweeted breeds:

- Golden retriever
- Labrador retriever
- Pembroke
- Chihuahua
- Samoyed
- Chow
- Pug
- Malamute

- Favorite count and retweet count are positively correlated

As shown in the scatter plot below, Tweets that get more favorites are also retweeted more

