

## ACT REPORT – WE RATE DOGS

### Introduction

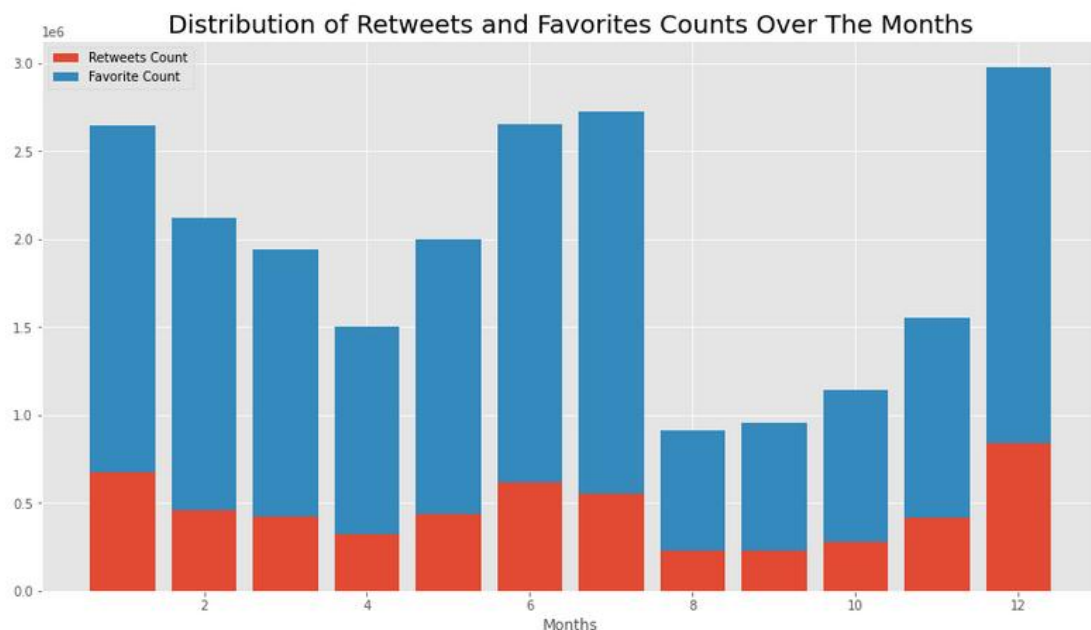
“WeRateDogs is a Twitter account that rates people’s dogs with a humorous comment about the dog.”, from Wikipedia. As of December 2017, the Twitter account has nearly 4.56 million followers.

### Visualizations

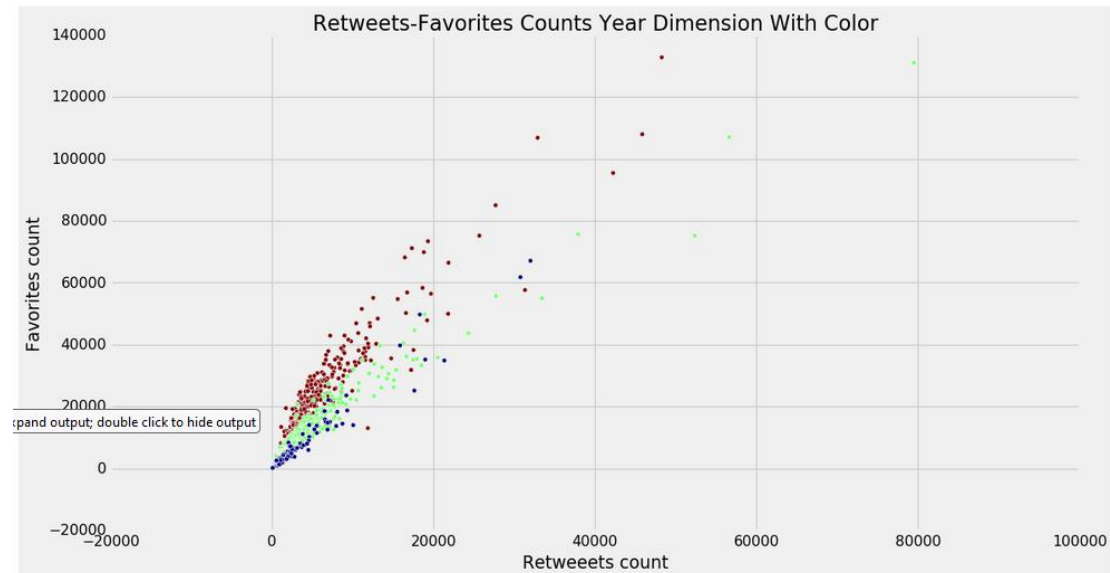
1. Alitta is the most popular dog name.
2. Pupper is the most popular dog stage while the least is floofer.
3. The highest rated dog is Atticus with a rating of 177.6.
4. Tweet id 822872901745569793 had the highest favorite counts of 132810 while tweet id 744234799360020481 had the highest retweet counts of 79515.
5. Tweet id 666102155909144576 had the least favorite and retweet counts of 16 and 81 respectively.

### Visualizations

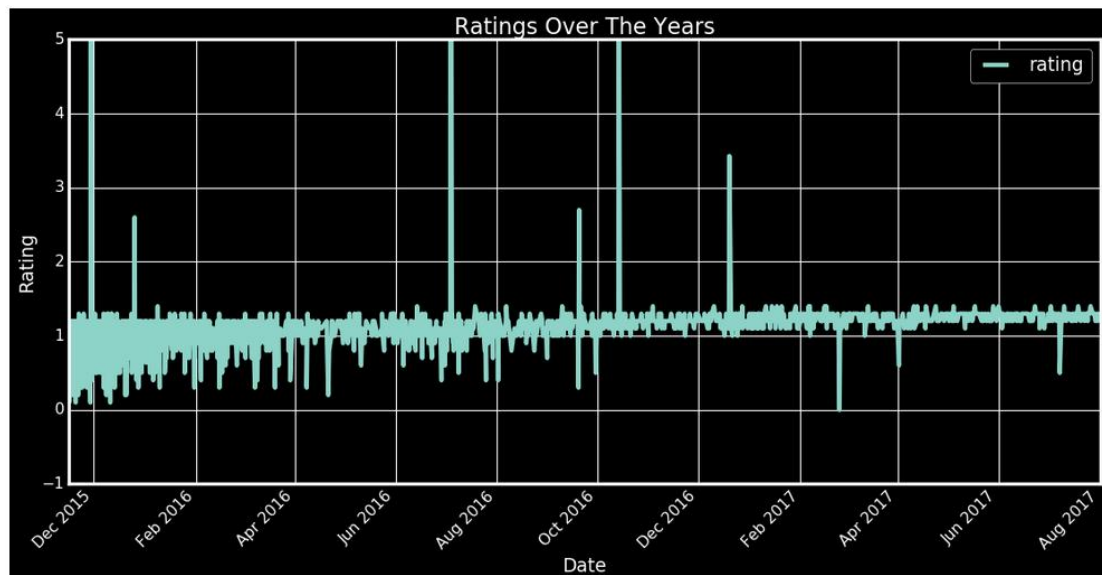
**CHART 1:** The month of December and June had the highest number of retweets and favorites count while the month of September and August had the least.



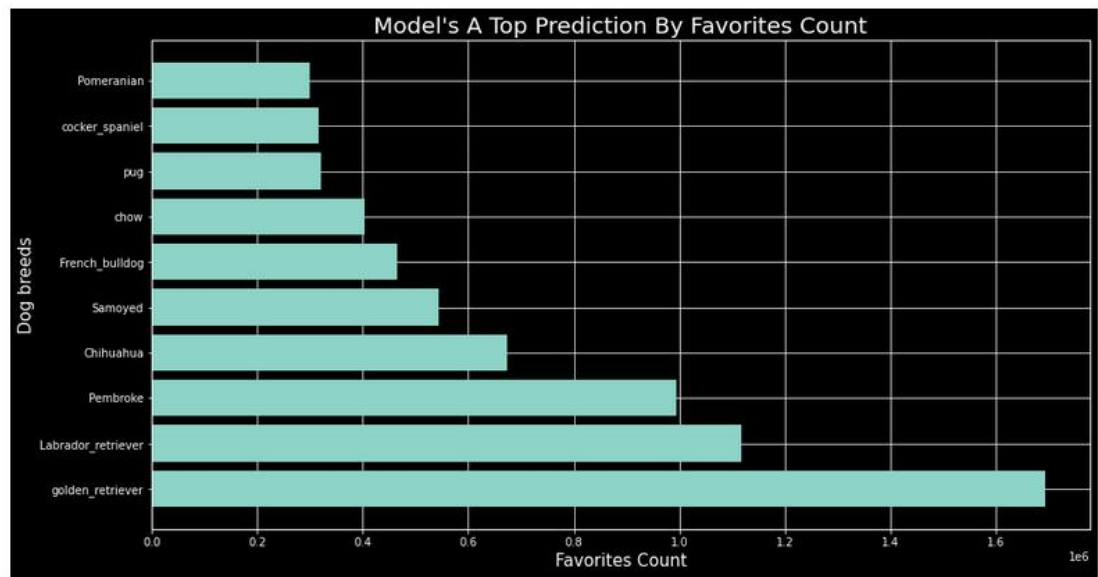
**CHART 2:** The darker shade of blue is for the year 2015 while the green shade is for the year 2016 and the brighter shade of brown is for year 2017. Most of the retweets fall within the range of 0-10000 while that of favorites fall within 0 - 40000 with a few outliers. The outliers were mostly from the year 2016 and 2017.



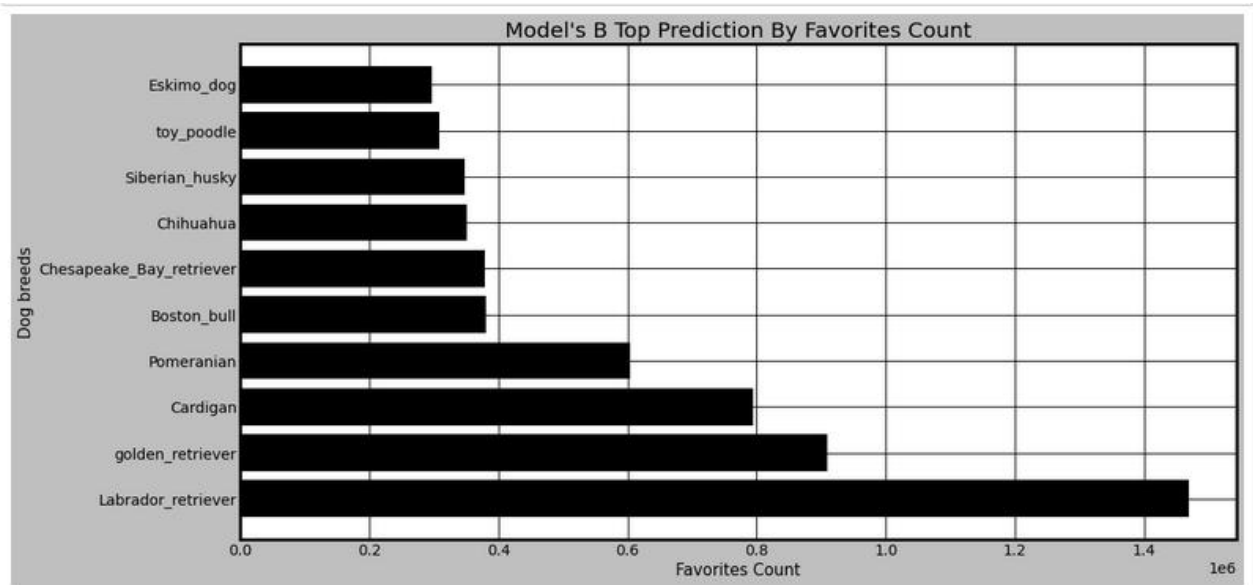
**CHART 3:** The ratings over the years fall within the range 0 - 2 with a few outliers. The outliers account for the unique rating system of wedogrates.



**CHART 4:** The Labrador retriever and Golden retriever were the top dog two breeds predicted by Model A based on the favorites count from the plot.



**CHART 5:** The Golden retriever and Labrador retriever were also the top two breeds predicted by Model B based on the favorites count from the plot.



**CHART 6:** The Labrador retriever and Chihuahua were the top two breeds predicted by Model C based on the favorites count from the plot.

