

Analysis and insights

Udacity

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Introduction:

WeRateDogs™ is a twitter account that tweets out pictures of (mostly) dogs with their associated "ratings".

Seems simple enough though, WeRateDogs™ has what one might call a different approach to a normal judge... Almost all of this Twitter handles' ratings are over 10/10. Why are so many dogs so "over-rated"? There could be plenty of reasons, but WeRateDogs™ does have at least one reason; "they're good dogs Brent" (https://twitter.com/dog_rates/status/775410014383026176).

But you know what Brent? I completely understand where you're coming from. I'm someone who needs some cold, hard data. 14/10?!? What is this madness?! So today I'm going to dive into how these tweets are overall recieved by the Twitter community. Don't worry Brent, were getting the bottom this!

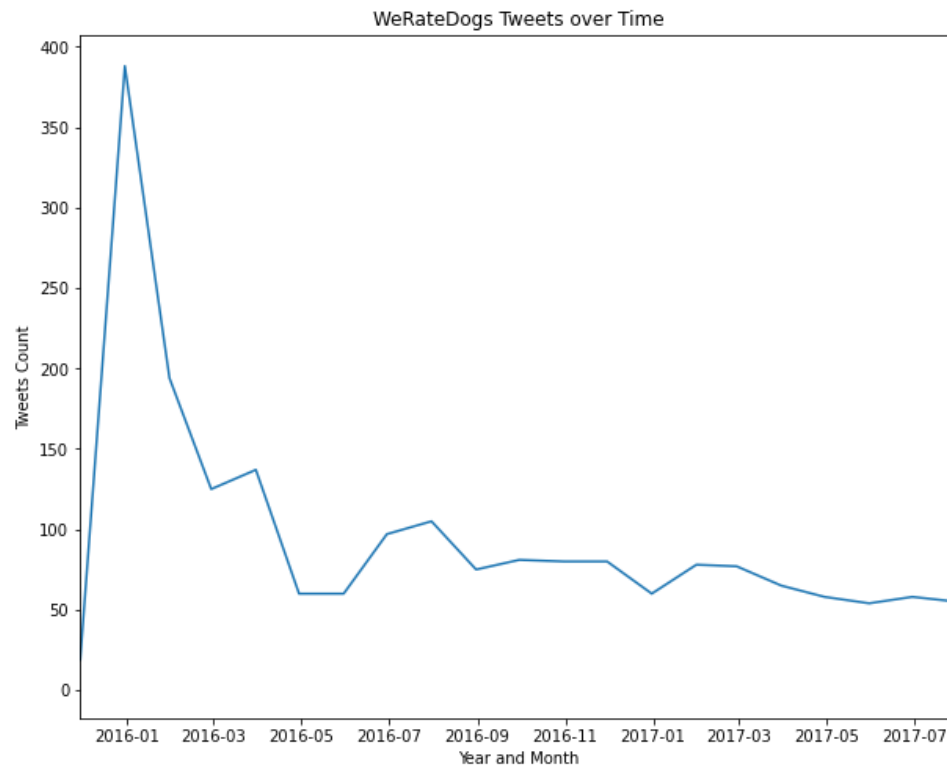
About the Data:

To analyze the tweets from WeRateDogs™, we have used three different source. The first source is an archive of the past tweets from @dog_rates (https://twitter.com/dog_rates) provided via a CSV from Udacity. The second source is from the Twitter API used to retrieve more information about the tweets like number of each was retweeted. The third data source provides us the predicted dog breed in each tweet's image programatically determined from a neural network. This was also provided by Udacity. This third source is particularly important as it was not determined how accurate the predictions were.

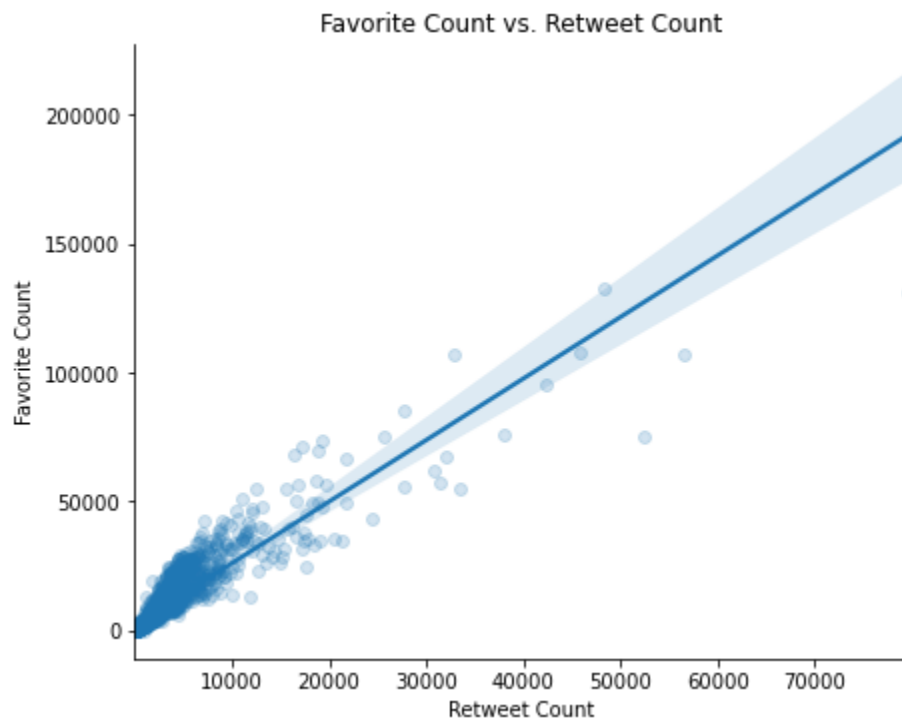
Combining this data from these sources, we ended up analyzing 2174 tweets from WeRateDogs™. These tweets were from before August 2017 and were used to analyze the relationship between retweets and favorites amongst the different "dog stage" (floofer, pupper, doggo, etc.), the distribution of dog breeds in the tweets, and the popularity of the dog breeds based on retweets and favorites.

Insights

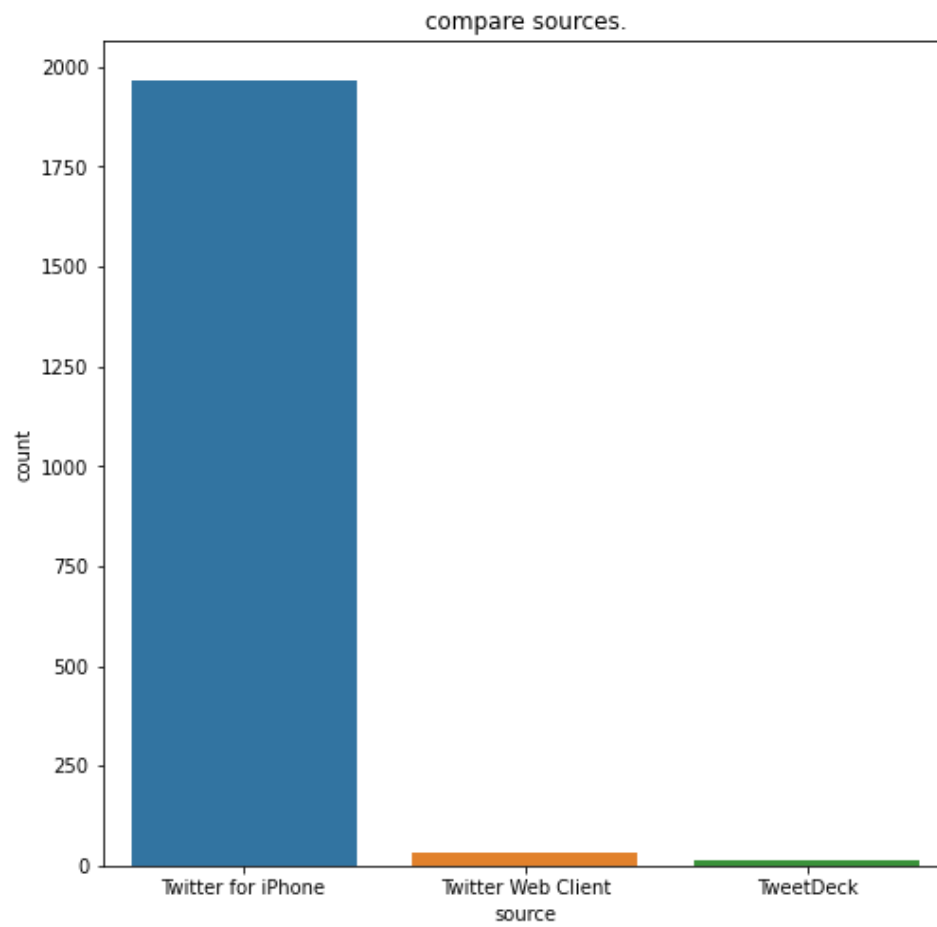
The tweets at early was huge in number but over period of time the count has been slowly decreased over the twitter



The Favorite counts are correlated with retweet counts - this is a positive correlation.



iPhone stand first and the is huge difference to compare between them ,a very little tweets other than iPhone



Visualizations

The average number of favorite does increase over time.

