

WeRateDogs Twitter Analysis

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This project analyses the tweets from a twitter user @WeRateDogs. The tweets are mainly ratings for dogs based on their images, dog breeds, and stages. The ratings have gained great popularity recently. In this report we demonstrate some of the interesting findings of their tweets.

According to our analysis with the help of python packages like pandas, matplotlib and numpy, we have discovered that among all dogs rated, the top 10 breeds and their respective count are:

golden_retriever	149
Labrador_retriever	100
Pembroke	89
Chihuahua	83
pug	57
chow	44
Samoyed	43
toy_poodle	39
Pomeranian	38
cocker_spaniel	30

We also explored the popularity of the tweets over time (2015-11 to 2017-9). The popularity is represented by the favorite count and the retweet count. Both the favorite count and the retweet count have seen a constant increase over the 2 years and have the tendency to increase even further.

Finally we tried to find out if any relationship exists between the dog breeds and the popularity of the tweets. It turns out that the most popular breeds in terms of retweet count are Labrador_retriever, Chihuahua, Eskimo dog and Lakeland terrier, while the most popular ones in terms of favorite count are Lakeland terrier, Labrador_retriever, English springer and Chihuahua. It seems that the most liked and shared tweets are very likely to be associated with Labrador_retriever or Chihuahua. However, we still cannot make the conclusion that their breeds are the reason for those high favorite counts and most retweet counts. As can be noticed that those breeds are also among the most common breeds in all rated dogs, it could be the reason they have a higher chance being liked most. In addition, there are many other factors to be taken into consideration, for example the funny words that come with the tweet or certain behavior of the dog is funny that make people like more.