



WeRateDogs™  
@dog_rates

 Follow

We only rate dogs. Please don't send perfectly toasted marshmallows attempting to drive. Thank you... 13/10

12:08 AM - 10 May 2017

  22,017  66,581

Who is the Top Dog???

1st September 2019

Udacity - Data Analyst Nanodegree

Kushal Borkar

Term - 1, Project - 4.

Overview

Family pressure to present a further individual from the four-legged assortment to our officially jam-packed family prompted some examination with information from the well known We Rate Dogs twitter site about which type of dog would be the most reasonable.

"WeRateDogs is a Twitter account that rates individuals' dogs with an amusing remark about the dog. It began in 2015 by an undergrad Matt Nelson and has gotten global media inclusion both for its popularity and for the consideration attracted to web-based life copyright law when it was suspended by Twitter.", from Wikipedia. As of December 2017, the Twitter record has about 4.56 million followers.

The data, which was made available to me by Udacity as part of my Data Analyst Nanodegree program and were then filtered to remove retweets, tweets with dog breed missing and tweets where there was no image.

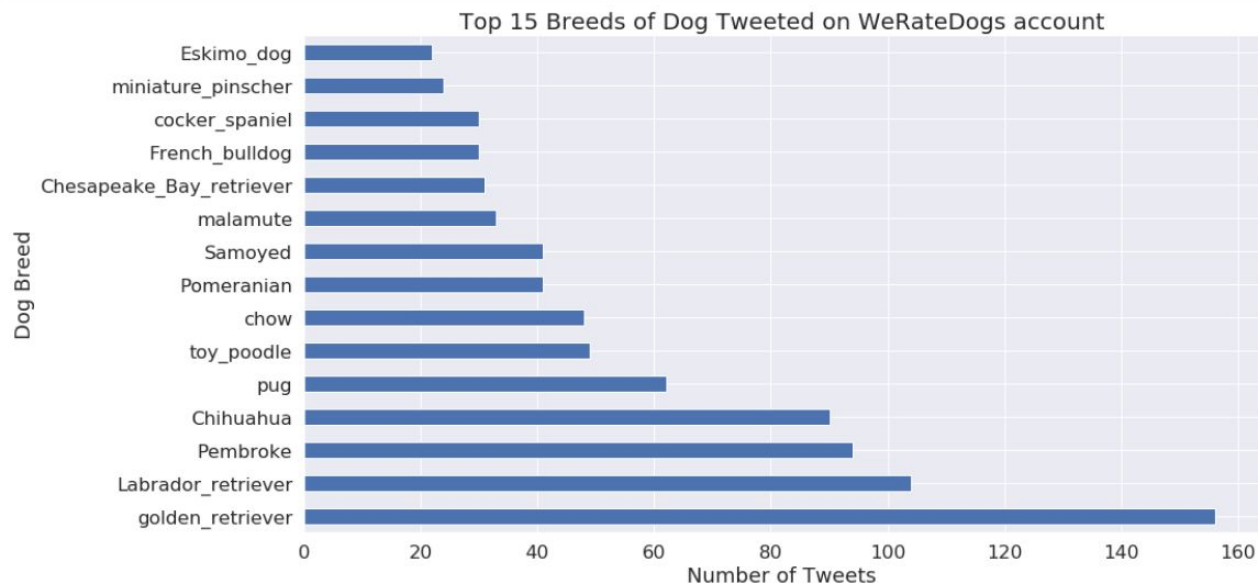
Goals

To answer the following questions:

1. Which breeds of dog are the most tweeted about?
2. Which breed of dog on average has the highest overall rating?
3. Which breed on average receives the most number of likes?

1. Which breeds of dog are the most tweeted about?

```
# Plot a horizontal bar chart to show top 15 breeds
fig = plt.figure(figsize=(15,8))
df_clean.groupby('dog_breed').count()['dog_score'].sort_values(ascending=False).nlargest(15).plot(kind='barh')
plt.title("Top 15 Breeds of Dog Tweeted on WeRateDogs account", fontsize=20)
plt.ylabel("Dog Breed")
plt.xlabel("Number of Tweets");
```

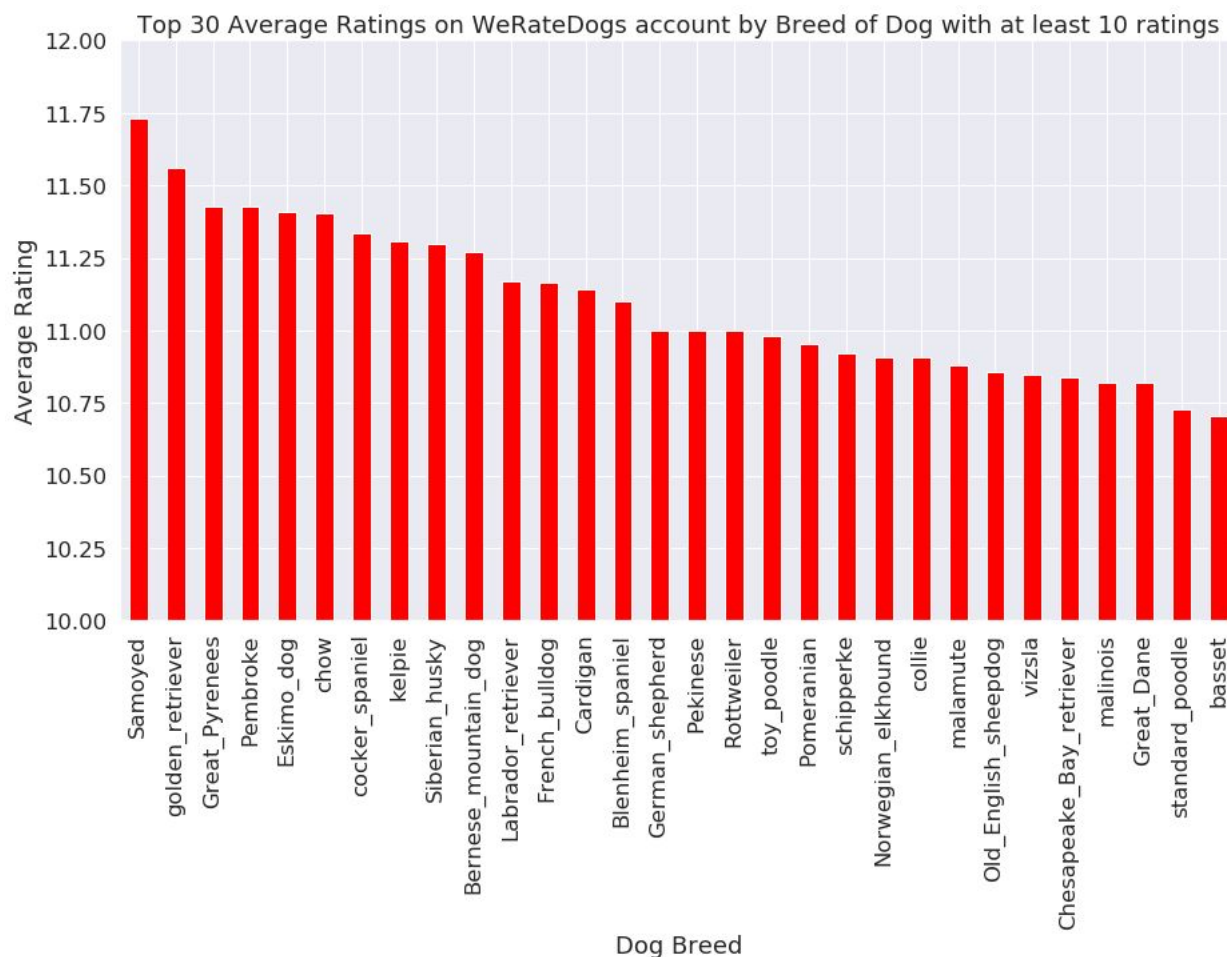


- We can see the top five tweeted dogs in order are Golden Retriever, Labrador Retriever, Pembroke Welsh Corgi, Chihuahua and Pug.
- With the Golden Retriever receiving substantially more tweets at 156 than the other breeds.

2. Which breed of dog on average has the highest overall rating?

- The breeds in this chart had to have at least 10 ratings to make it to the analysis. As you can see the most popular voted breeds were Samoyed with an average rating of 11.69, followed by Golden Retriever on 11.56, and then Great Pyrenees 11.43, Pembroke Welsh Corgi 11.42 and Eskimo Dog on 11.41.

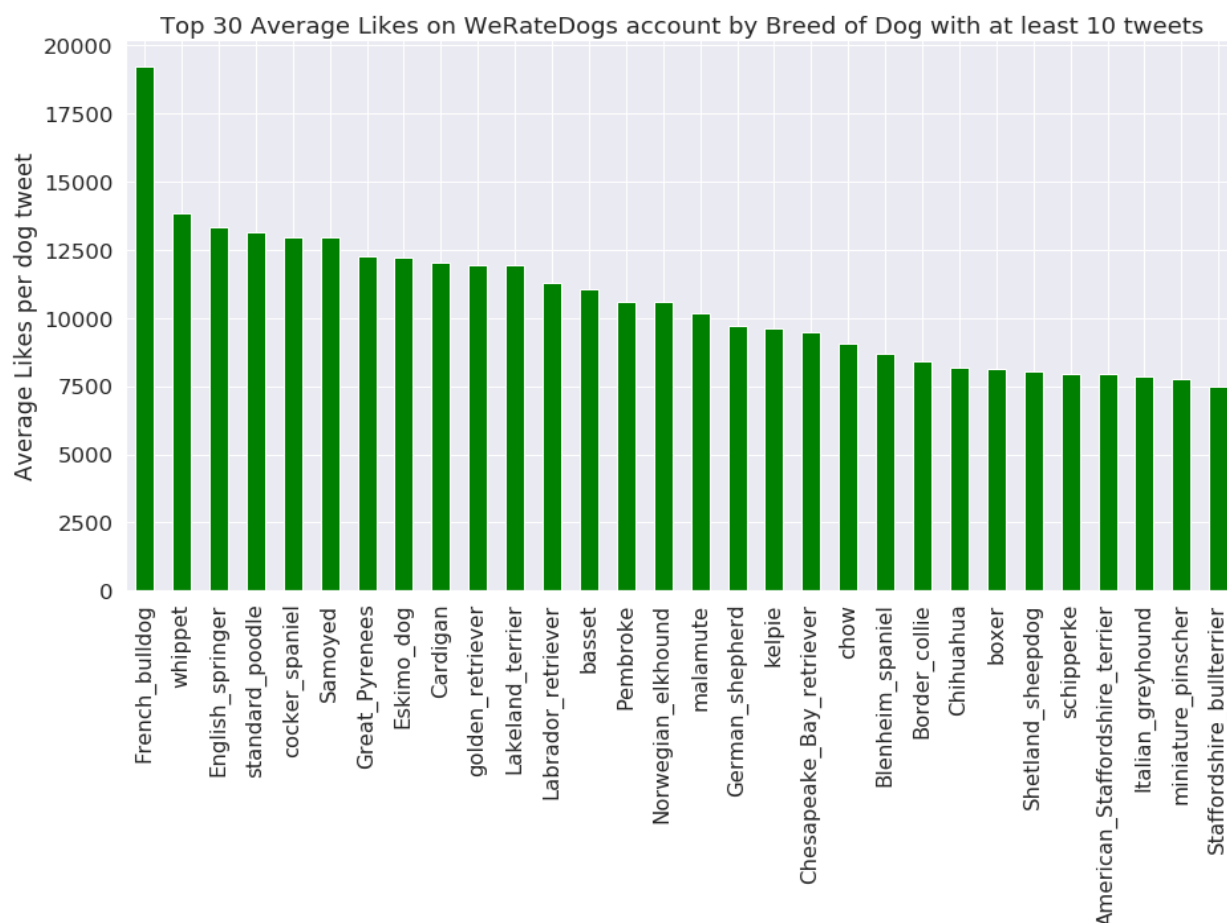
- The Golden Retriever and Pembroke Welsh Corgi appear on both our lists so far.



3. Which breed on average receives the most likes?

- So the French Bulldog is clearly the dog most liked per tweet with 19,694 likes per tweet. Obviously very cute to get so many likes!
- Also, in the top 10 are Samoyed (13,625 likes/tweet), Great Pyrenees (12,834 likes/tweet) and Golden Retriever (12,402 likes/tweet), and at number 11 is the Labrador Retriever (11,922

likes/tweet) and number 14 the Pembroke Welsh Corgi (11,040 likes/tweet) from our previous 2 visualizations.



Milestones

- I. But who is Top Dog? Goes to the French Bulldog with most likes per tweet as voted by the community.
- II. As for that additional family member, I don't know, but the following breeds of dog seem a good place to start for further research into the practical aspects of having a dog in the family such as costs, pedigree, availability,



caring needs and whether my family has empathy for the breed and animal in particular.