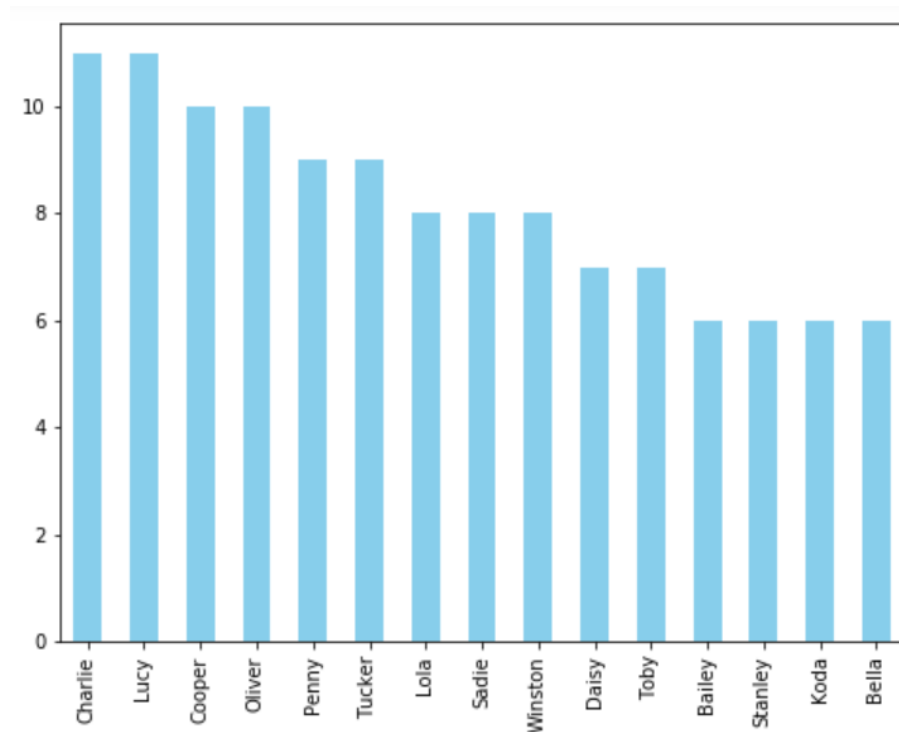


Analysis and Visualization of the WeRateDogs account's Twitter archive

Finding Most Popular Dog Names



- The most often tweeted dog names are Charlie, Lucy, Oliver and Cooper. Other names such as Lola, Daisy and Bella are also popular.

Most predicted dog breeds

golden retriever	154
labrador retriever	105

- A machine learning algorithm was applied on the images archive of the WeRateDogs account to identify the breeds of dogs
- Golden Retriever is the most predicted breed with 154 identified followed by Labrador retriever with a count of 105

Breed with most retweets and likes

	breed	retweet_count	favorite_count
	golden retriever	501777.0	1752386.0
	labrador retriever	344922.0	1115106.0

- As we have seen above these two are the most predicted breeds, hence
- Golden retriever and Labrador Retriever are top in the list of most favorite and most retweets.

Most retweeted and favorited tweet

Firstly, we found out the most retweeted tweet as below:

retweet_count	favorite_count	breed	tweet_id
77298.0	155311.0	labrador retriever	744234799360020481
57383.0	114795.0	eskimo dog	739238157791694849
56340.0	119966.0	chihuahua	807106840509214720
43553.0	132356.0	lakeland terrier	822872901745569793
40346.0	98752.0	english springer	879415818425184262

- The tweet (tweet_id = 744234799360020481) containing `Labrador Retriever` received the highest retweets.

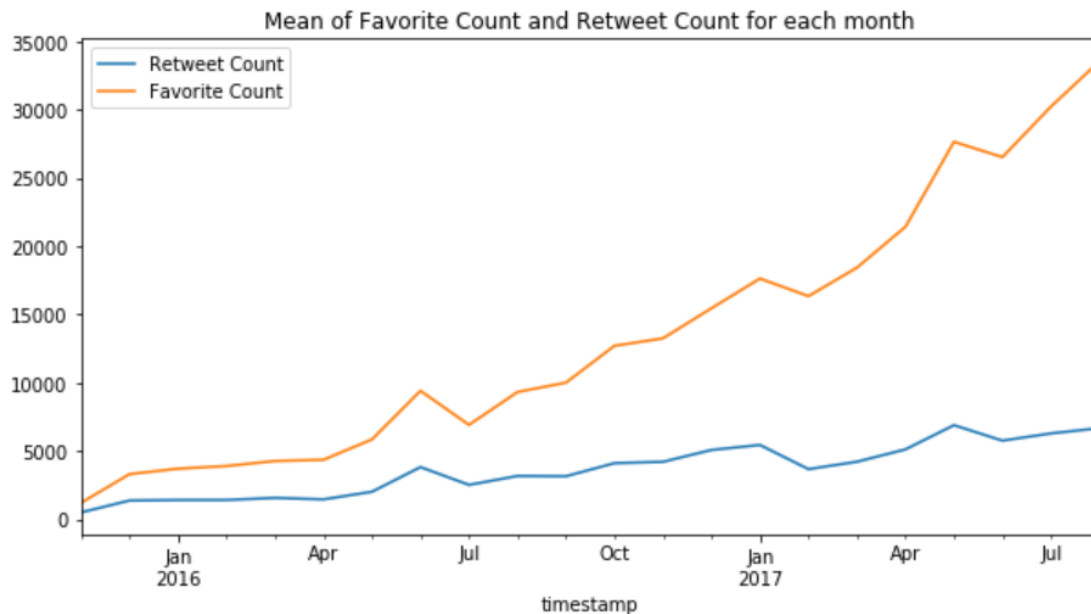
Secondly, the below result was procured when most liked tweet was searched:

retweet_count	favorite_count	breed	tweet_id
77298.0	155311.0	labrador retriever	744234799360020481
43553.0	132356.0	lakeland terrier	822872901745569793
56340.0	119966.0	chihuahua	807106840509214720
32756.0	115866.0	french bulldog	866450705531457537
57383.0	114795.0	eskimo dog	739238157791694849

- The same tweet (`tweet_id = 744234799360020481`) also received the greatest number of likes(favorite).

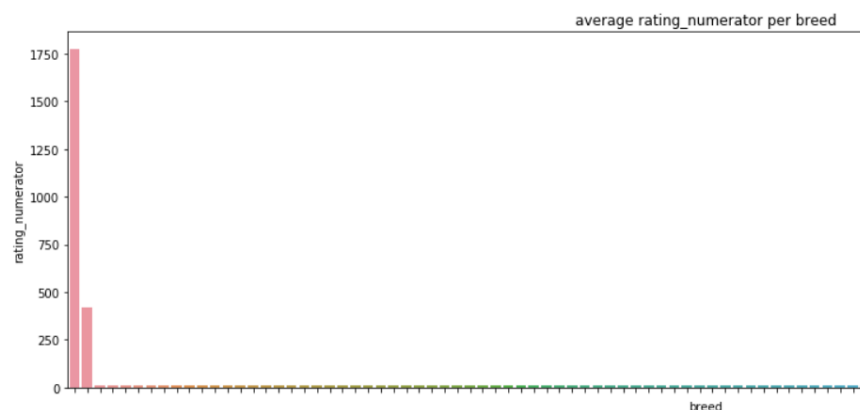
So, even with overall most retweets and likes , Golden Retriever is not seen in the top 5 list of most liked and retweeted breeds.

Retweets and Likes per month



- Favorite Count of the tweets have increased so much over the period of > 18 months
- As the page has gained popularity, followers count of the page must have increased. Hence the continuous increase in the favorite count
- On the other hand, average increase in retweets has a lower rate of rising as compared to Favorite count
- In my opinion, it represents human behavior. As most people tend to like a post and not retweet

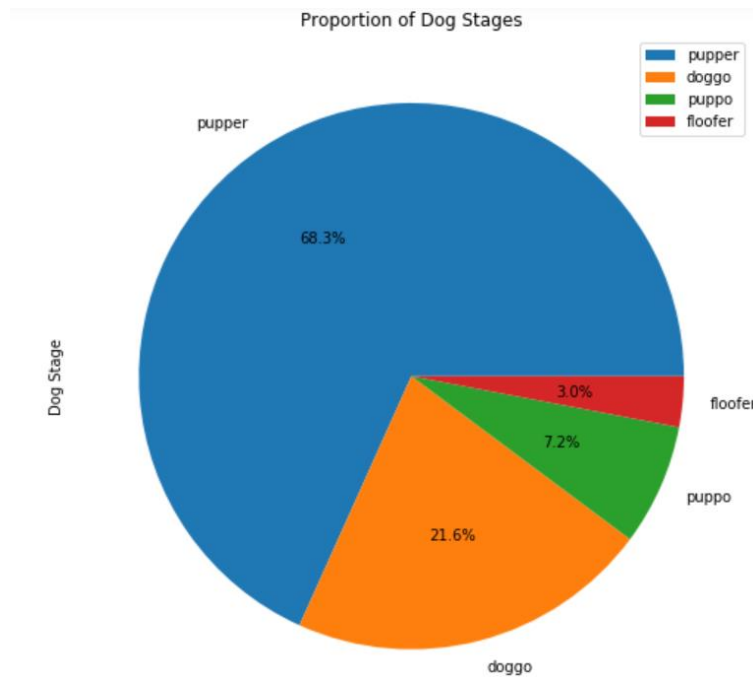
Finding Outliers in ratings given



- As WeRateDogs account is known for their humorous tweets, one of the ratings received a rating greater than 1750, when generally it is around 13
- That tweet might be given a high rating because the dog in that picture was wearing an American flag, and the photo was rated on 4th of July (America's Independence Day)

Popular dog stages pictures

Which dog stage is most used in the tweets by WeRateDogs?



- Excluding the missing values, the most often used stage is "pupper" with around 68%, the second frequent is "doggo" (about 22%). The account owners used the words puppo and floofer in rest of the 10% of the cases .