

# Act report

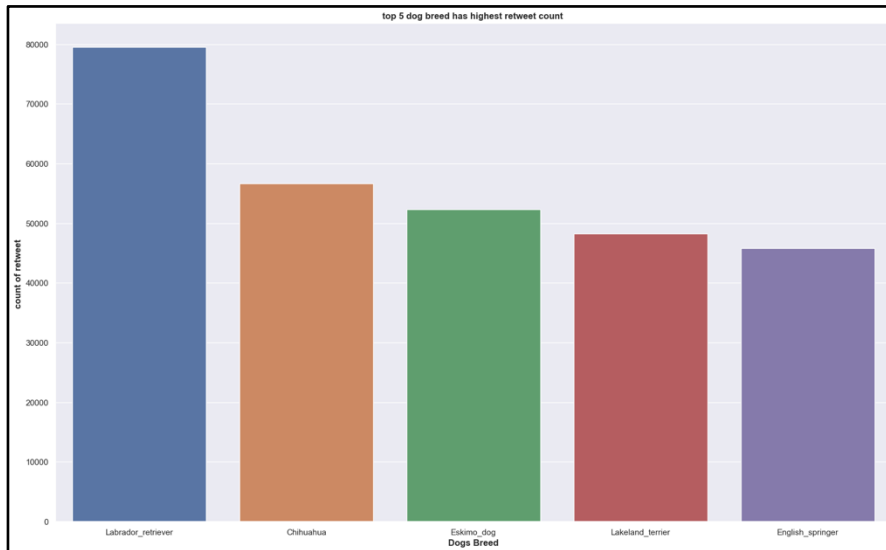
## **Introduction:**

The dataset that I analyzing and visualizing is the tweet archive of Twitter user @dog\_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs Brent." WeRateDogs has over 4 million followers and has received international media coverage.

## **Question(s) for Analysis:**

- Which is Top 5 dog breed has highest retweet count?
- which is the dog breed with the largest count of tweet?
- What is the most used source for tweeting?
- Is there a correlation between Favorite and Retweet ?

## I. Which Top 5 dog breed has highest retweet count?

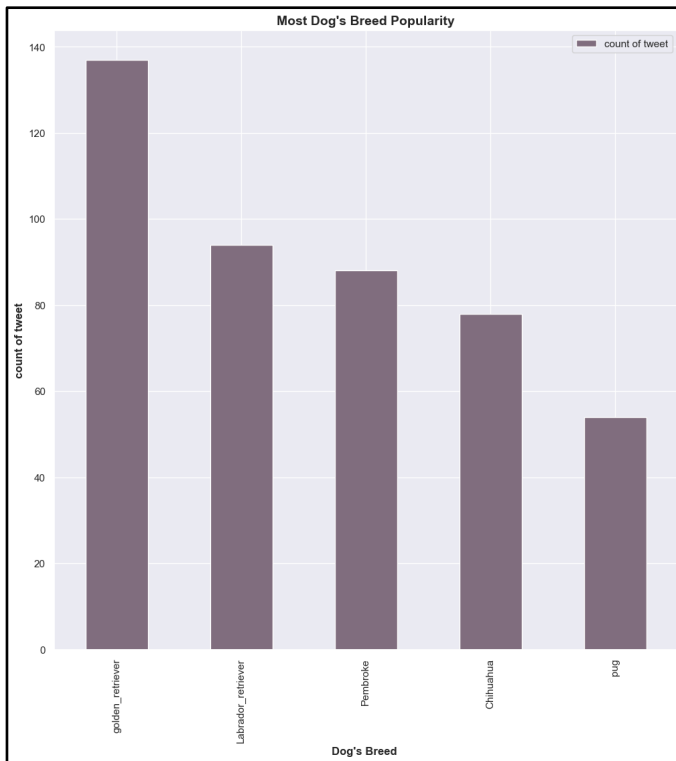


	p1	retweet_count
825	Labrador_retriever	79515
419	Chihuahua	56625
864	Eskimo_dog	52360
325	Lakeland_terrier	48265
60	English_springer	45849

Top 5 most popular dog breeds based on how many retweets they have:

- The first: Labrador\_retriever - This dog breed tweet got 79,515 retweets
- The second: Chihuahua – got 56625
- Third: Eskimo\_dog – 52360
- Fourth: Lakeland\_terrier – 48265
- Last one: English\_springer – 45849

## II. Which is the dog breed with the largest count of tweet?



	count of tweet	p1
0	137	golden_retriever
1	94	Labrador_retriever
2	88	Pembroke
3	78	Chihuahua
4	54	pug

The top dog breeds based on the number of tweets is golden\_retriever with an average of 137 tweets, then Labrador\_retriever with 94 tweets, then Pembroke with 88 tweets, then Chihuahua with 78 and in the last of list comes pug with 54 tweets.

## III. What is the most used source for tweeting?

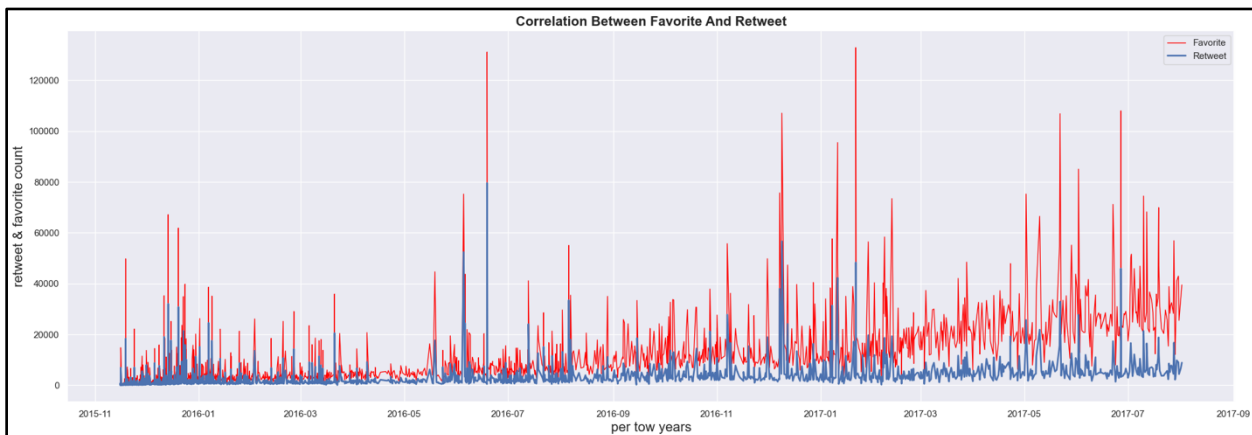
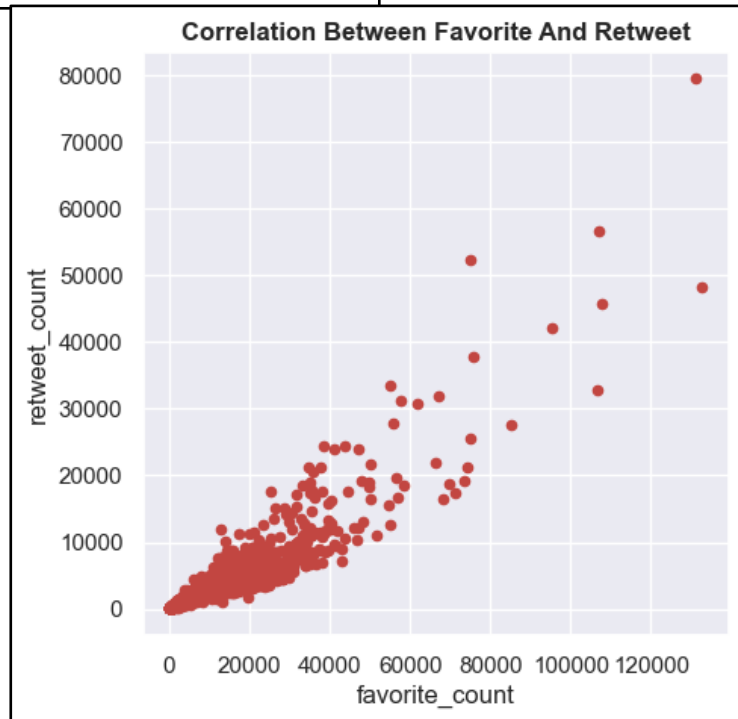
	source
Twitter for iPhone	1964
Vine - Make a Scene	91
Twitter Web Client	31
TweetDeck	11

A simple analysis to find the highest source that was used for tweeting. The iPhone was in top of the list over other sources with a rate of 1964 tweets.

#### IV. Is there a correlation between Favorite and Retweet ?

	favorite_count	retweet_count
favorite_count	1.000000	0.911201
retweet_count	0.911201	1.000000

According to the results, the number between retweet and favorite appears to be 0.9, which indicates a positive and strong correlation between these two variables.



The line chart shows the formation of retweets and favorite over a period of about two years. There is a correlation in the increase between the variables. An increase in one means an increase in the other. This maybe because most people may retweet their favorites to display it on their account page.