Analysis and Insights of WeRateDogs twitter handle

We know three charactericts about our subject, dog, which are as following: dog name, dog stage, and dog breed.

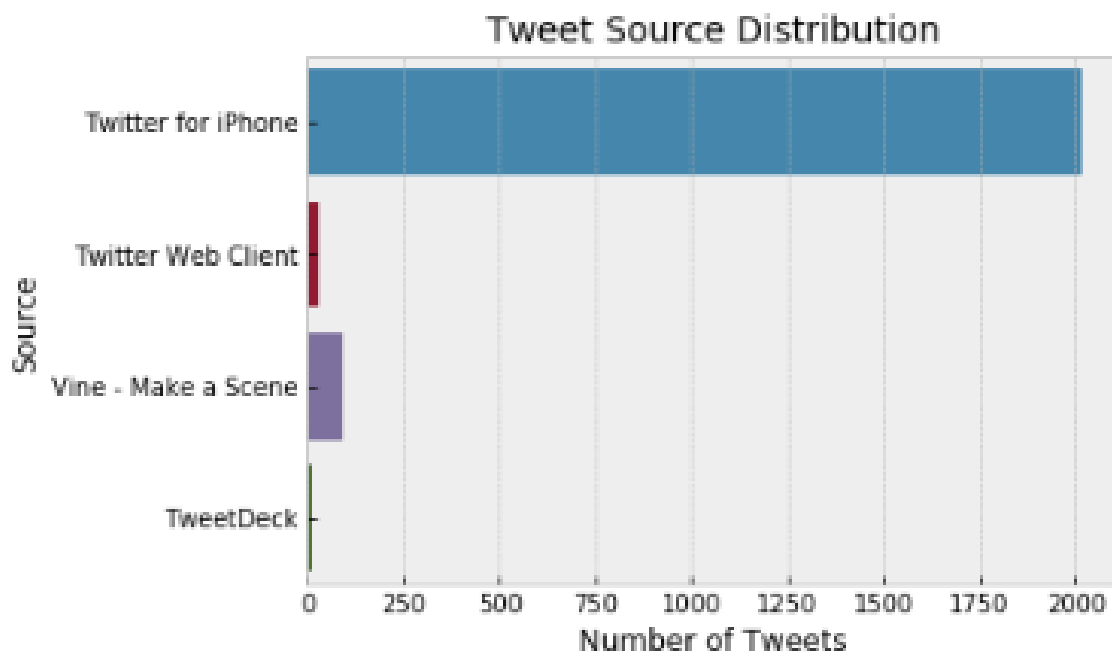The analysis of these three charactericts are based on rating, retweets, and favorites.

Following questions will be investigated in this section.

1) Which dog breeds are most popular?

2) Which dog breeds have been most retweeted?

3) What is the most common dog stage?

4) What is the most popular dog names?

5) What is the most popular method for posting tweets?

6) How the number of tweets have changed over period of time?

Twitter Platform

The below graph shows that Twitter App on iphone is widely used. While the small percentage of population uses Twitter Web Cilent, Vine and Tweet Deck.
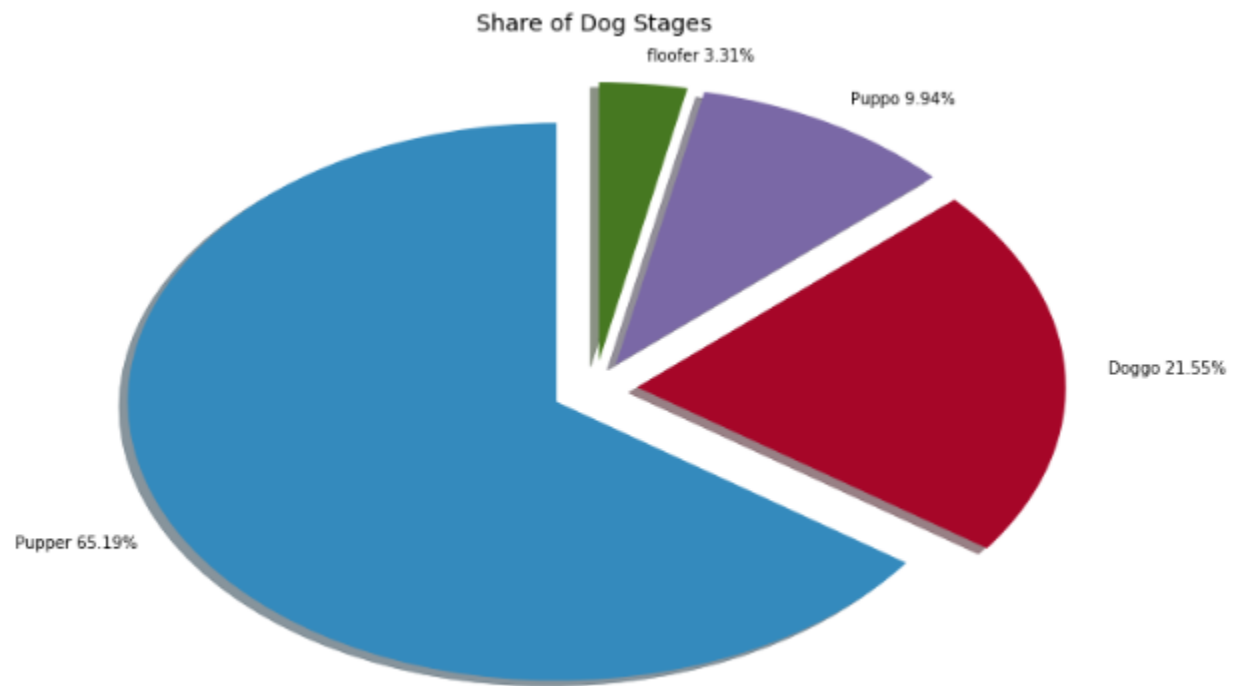
Most Favorite and Retweet dog type
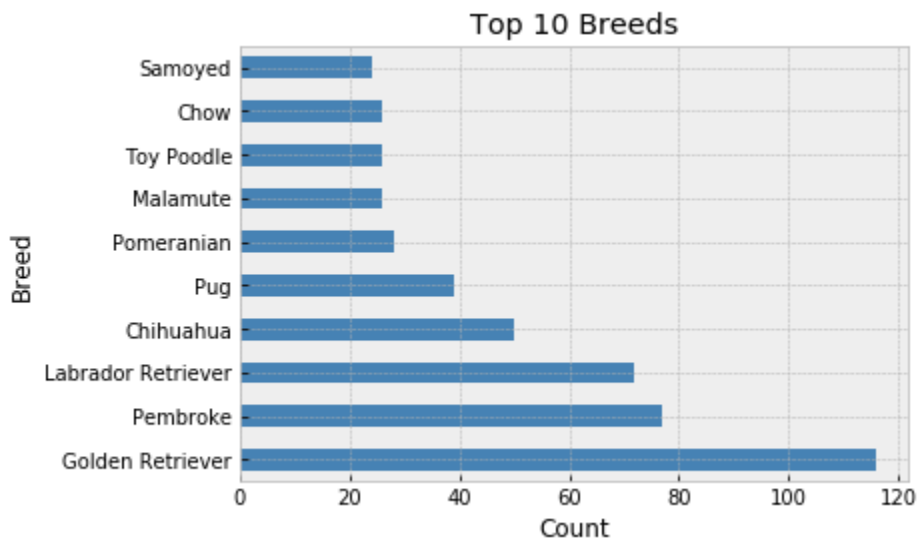
The most favorite dog is Lakeland Terrior.
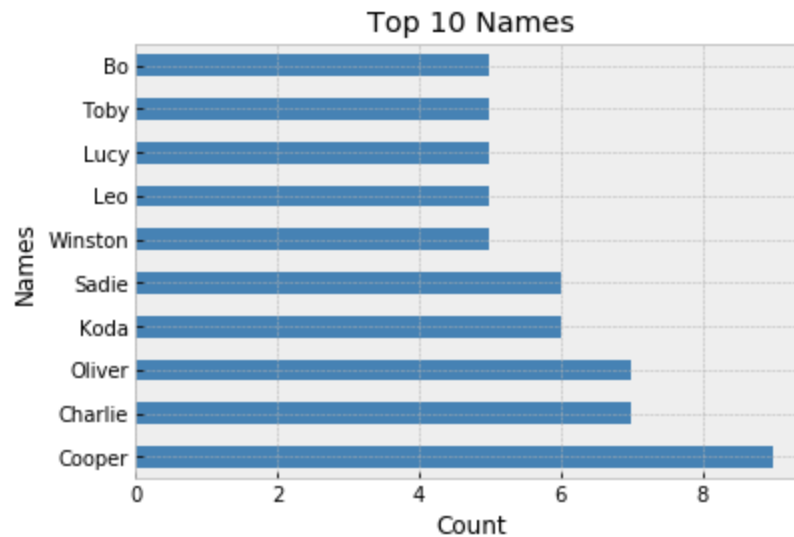

The most retweeted dog is Eskimo.

Dog Characterises Analysis – Name, Dog Stage, Dog Breed Type

Share of Dog Stages

The most owned dog stage is Pupper, followed by Doggo, Puppo and Floofer.
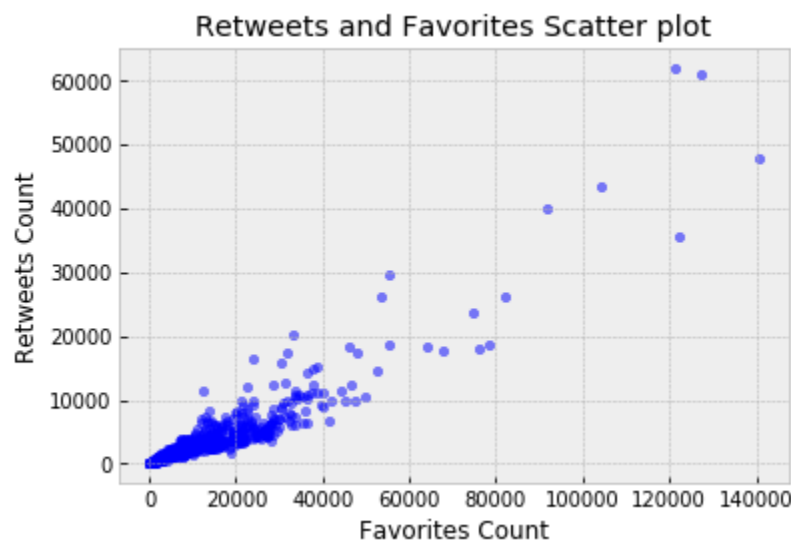
Top 10 Breeds

The most common breed type is Golden Retriver, followed by Pembroke and Labrador Retriever.

Top 10 Names

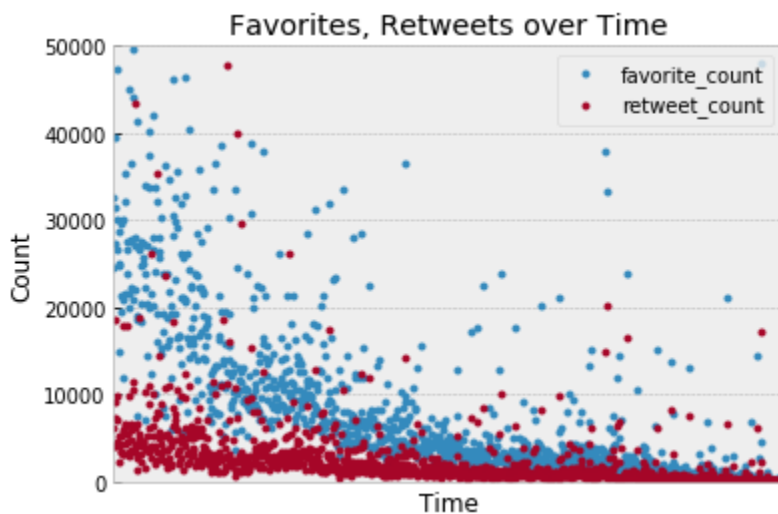The most common dog name is Copper, follower by Oliver and Charlie.

Analysis: Retweets, Favorites, and Ratings
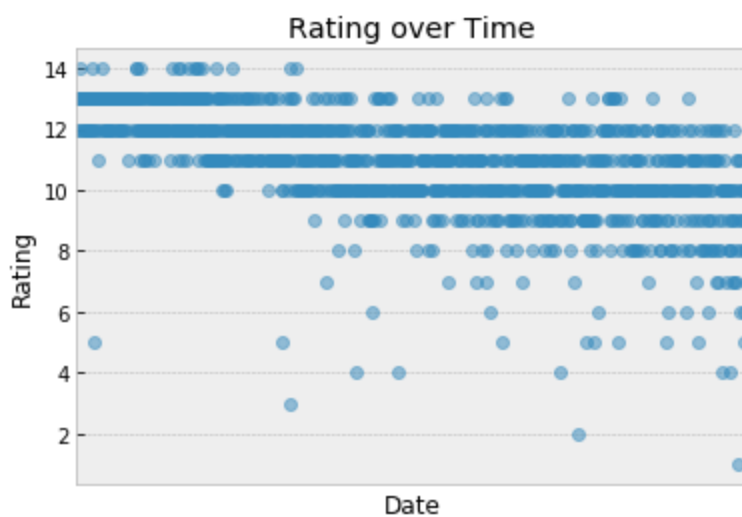

Retweets and Favorites Scatter plot

The above graph shows strong correlation betwwen the Retweet and Favorite, options available on twitter. As the tweet gets more re-tweeted, it has higher chance of getting "favorite" click. Therefore, this relationship makes sense. Also, from the below chart, one can see that correlation coefficient between favorite and retweet is 0.93, which reinforces strong relationship between among them.

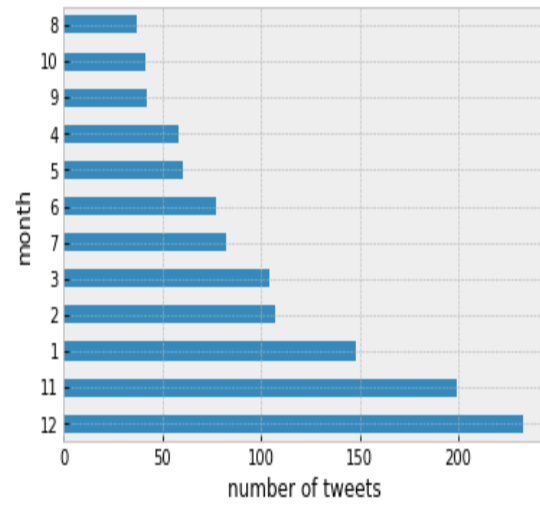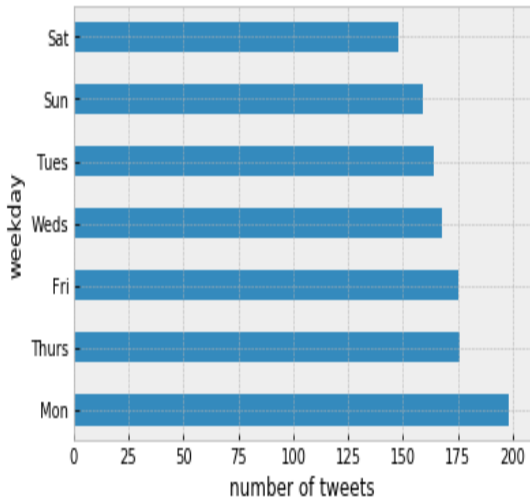|	rating	favorite_count	retweet_count
rating	1.000000	0.431527	0.339549
favorite_count	0.431527	1.000000	0.928955
retweet_count	0.339549	0.928955	1.000000

From the above correlation coefficient values, one can see that dog rating has weak relationship with the favorite and retweet options.

Favorites are more popular than retweets. Both number of favorite and retweet counts are decreasing with Time.

One can see, from the above graph that Rating has overall decreased over time.

The greatest number of tweets occur in the month of december and on Monday.