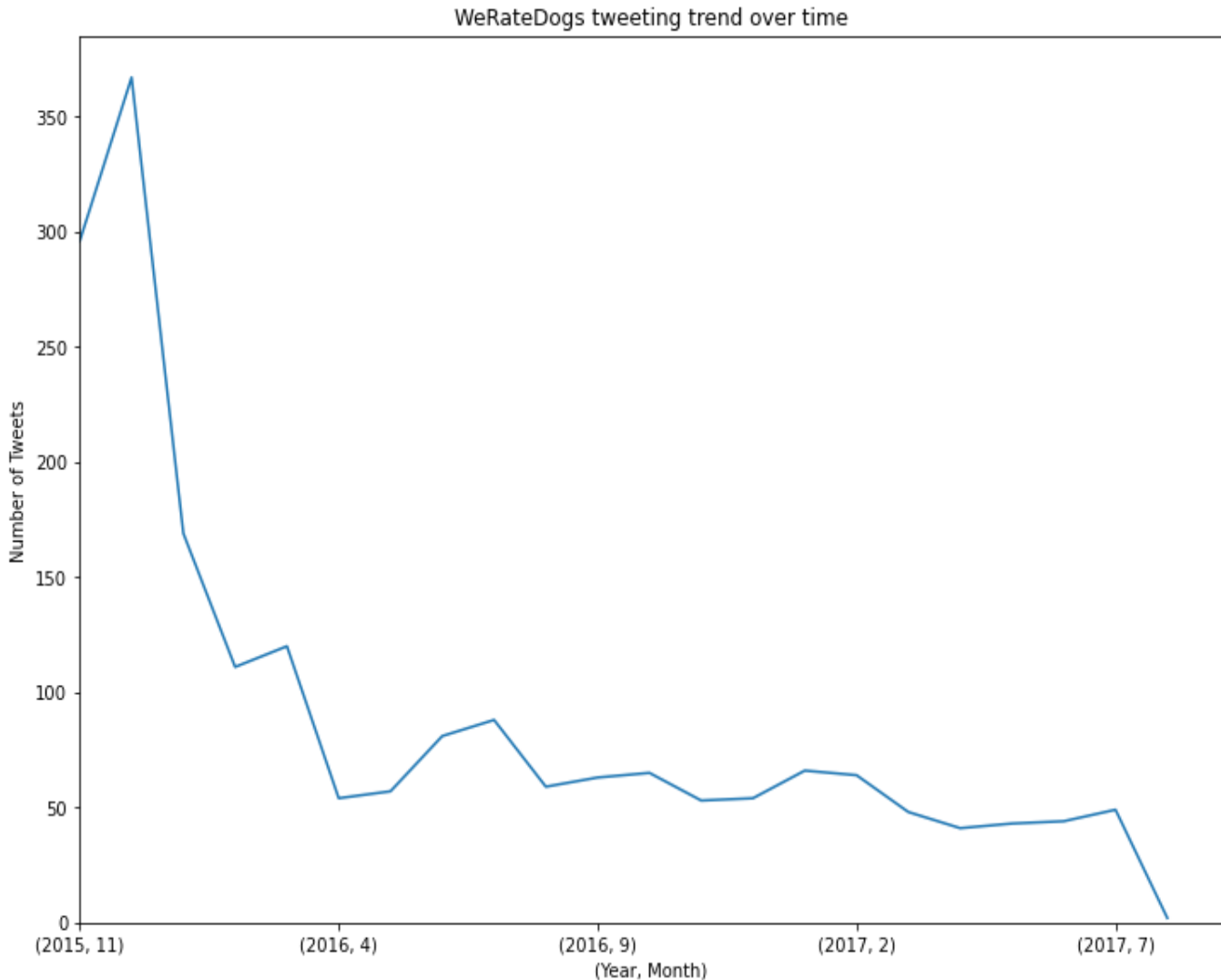


Analysis and Visualization of WeRateDogs Twitter archive

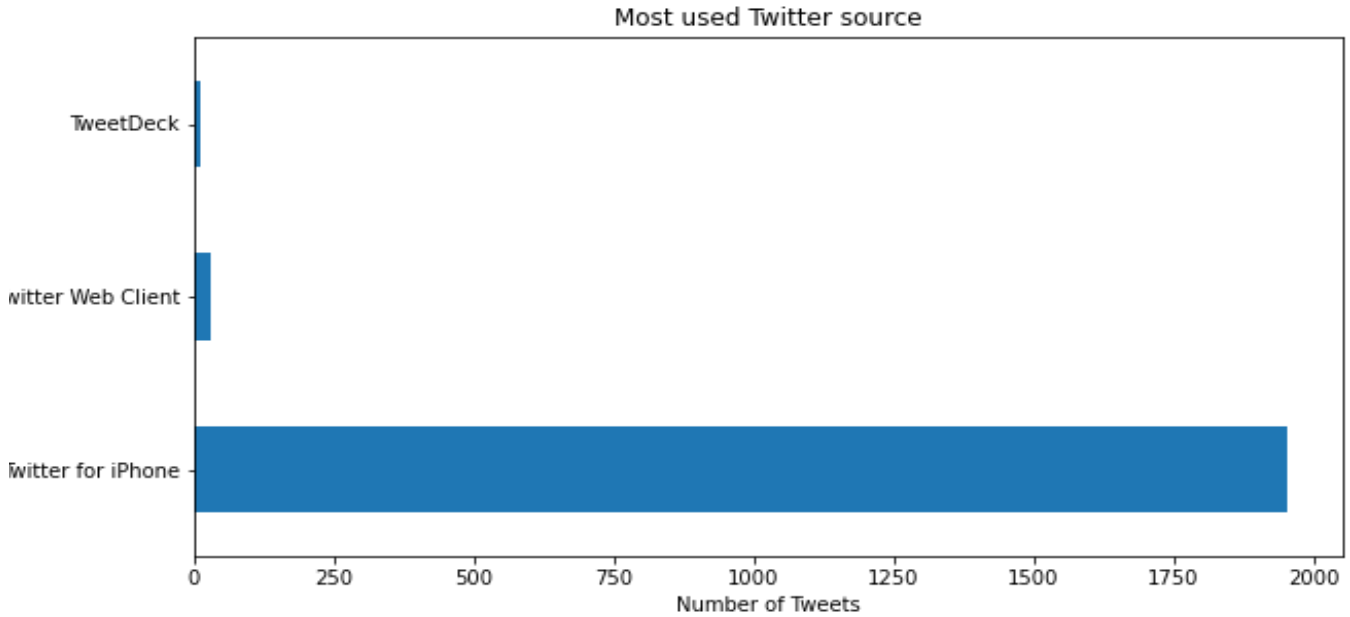
1-Tweets posted by WeRateDogs trend over time.



From this graph I realized that number of tweets posted decreased by the time.

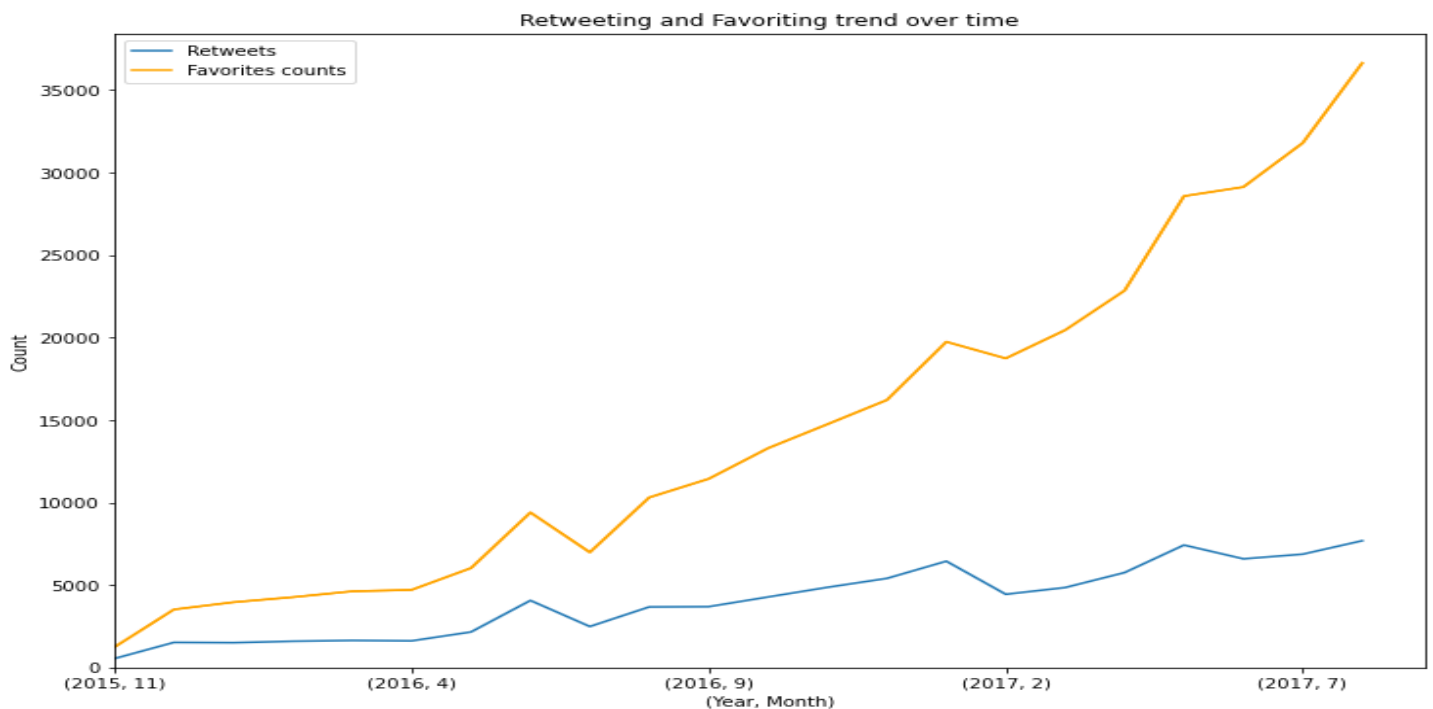
WeRateDogs, a Twitter account started in 2015, tweeted a lot in its starting days. For example, it posted around 300 tweets in the month of November 2015, which increased to around 350 tweets in exactly the next month. However, its tweeting activity reduced over time, averaging between 50 to 100 since April 2016.

2- Analyze the most common source for posting tweets.



WeRateDogs has posted 98% of the tweets from iPhone Out of the 1994 tweets, 1955 were posted from iPhone. Just a confirmation that the only mobile device WeRateDogs uses to post tweets is an iPhone.

3-Analyze Retweets and Favorites trend over time.



The above plot shows an increasing trend of retweeting and favoriting tweets posted by WeRateDogs' since November 2015.

However, the favoriting trend shows a much higher increase with time as compared to the retweeting trend.

4- Analysis of Retweet and favorite counts depend on dog stage.

Doggo

Mean Retweet Count: 6737

Mean Favorite Count: 18340

Floof

Mean Retweet Count: 2889

Mean Favorite Count: 9126

Pupper

Mean Retweet Count: 2363

Mean Favorite Count: 7239

Puppo

Mean Retweet Count: 6692

Mean Favorite Count: 22655

I realized that mean favorite counts more than retweet counts which prove above analysis.

Also, I realized that mean favorite count and retweet count for Puppo and Doggo stages is very high, in the other hand Floof and Pupper have almost the half numbers of favorite and retweet counts of Puppo and Doggo.

5-Analysis retweet and favorite counts for ratings more than 10

Retweet and favorite counts for ratings more than 10

Mean Retweet Count: 3837

Mean Favorite Count: 12770

Retweet and favorite counts for ratings less than 10

Mean Retweet Count: 1035

Mean Favorite Count: 2854

AS we see here that high rating dogs have high mean favorite and retweet count, also low rating dogs have lower mean favorite and retweet counts , which lead us that these tweets probably have good images for dogs and good dog stage , so we see these high numbers of favorite and retweet counts.