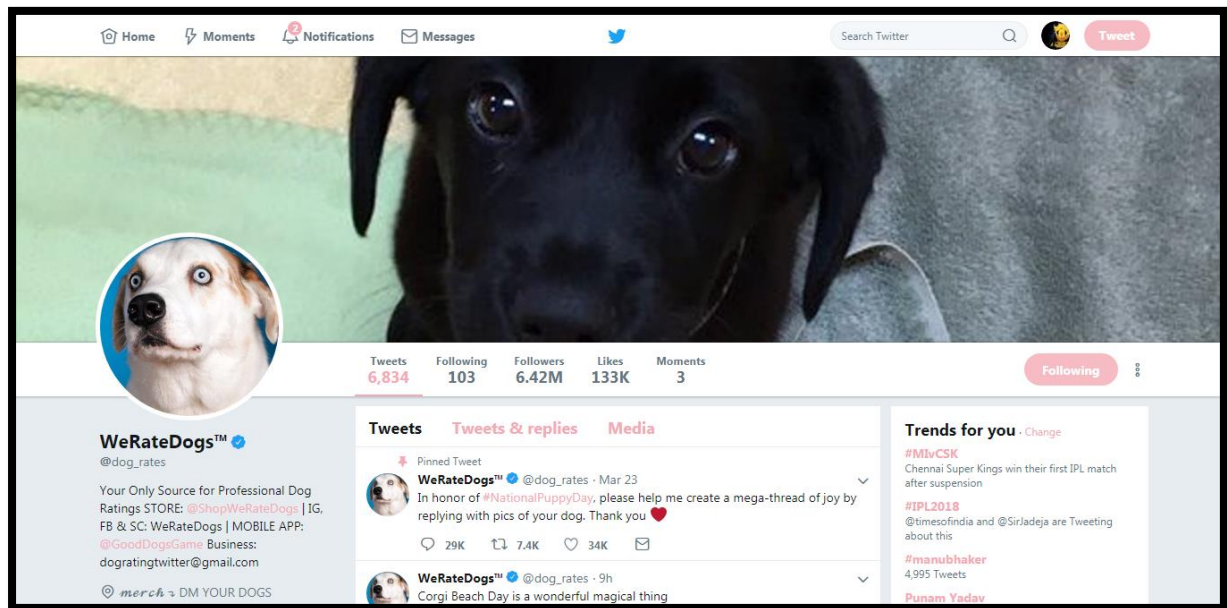


Analysing WeRateDogs Tweets

WeRateDogs is a twitter account that rates dogs! It gathers Dog pictures, comments, ratings etc. The 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.



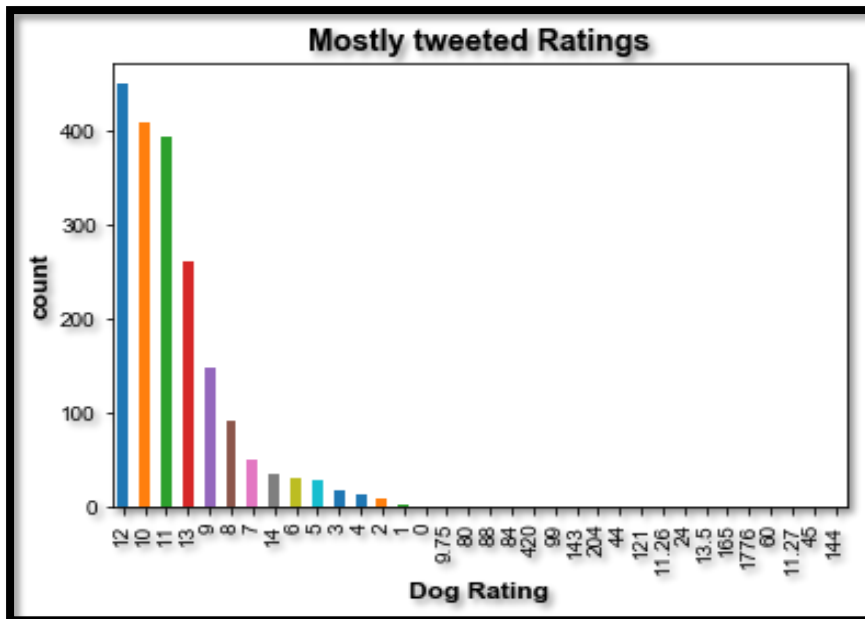
Three different data sets i.e. **twitter archive**, **image predictions** and **tweet_json** formed the data source for this analysis process. All these data sets were first gathered and then cleaned using python libraries and programming. After that useful columns from all these three data sets were picked and combined to form one master data set on which the analysis was done. The master data set contained attributes like **tweetID**, **tweet text**, **date time**, **tweet source**, **image url**, **dog names**, **dog breed**, **tweet url** etc.

After analysing the tweets of this twitter account various insights were drawn. This report presents some of the insights found in the data set and also displays visualizations obtained from the data. Some of the important points were:

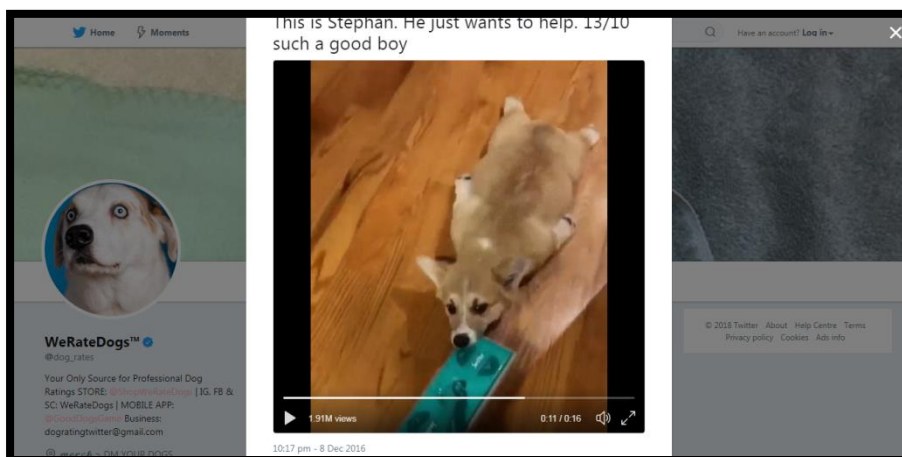
1. The data set had **1994** tweets between **November 2015** and **August 2017**.
2. Mean dog rating was **10.51**. Its respective favorite count and retweet count were **9,820** and **2,832**.
3. The most favorited and retweeted tweet counts were **144,042** and **61,543** respectively.

After diving deep into the data set further analysis were done as follows:

- From the above plot it can be inferred that **12** was mostly tweeted dog rating followed by **10, 11 and so on**. There were some ratings with decimal values like **9.75** and those were considered in the analysis as well.



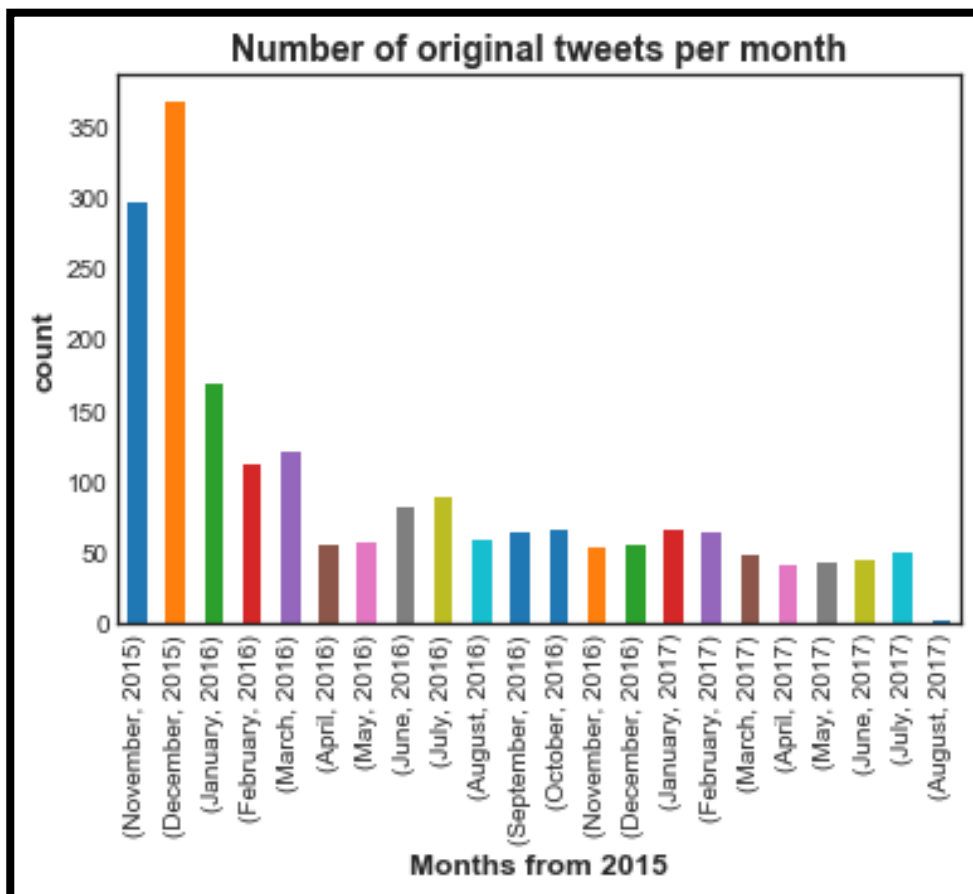
- The most Retweeted tweet was - "This is Stephan. He just wants to help. 13/10 such a good boy " with tweetID- 807106840509214720



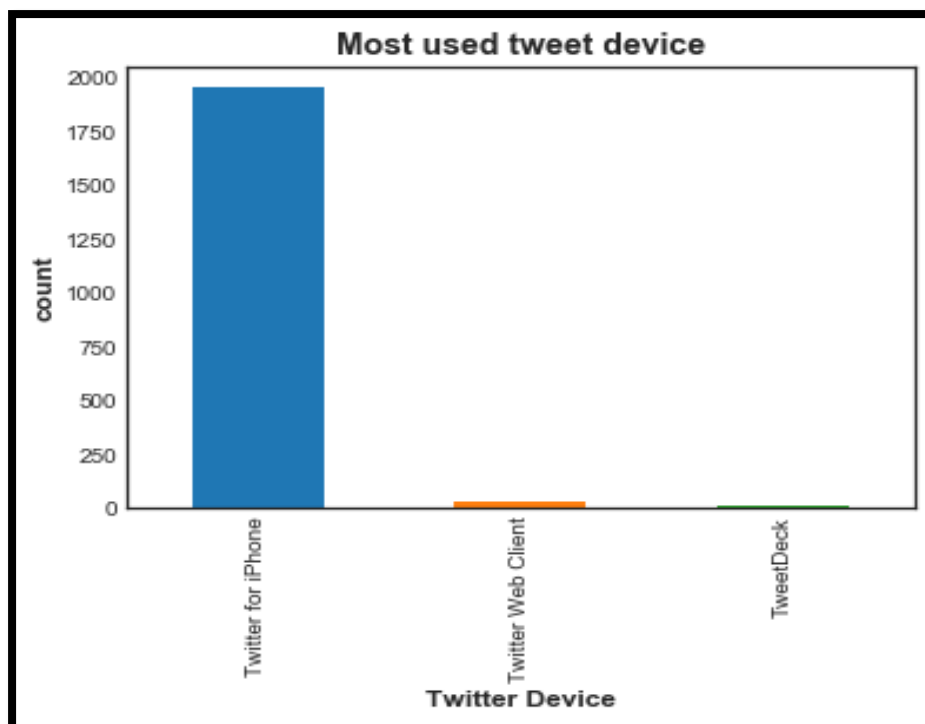
- The most Favorited tweet was - "Here's a super supportive puppo participating in the Toronto #WomensMarch today" with tweetID- 822872901745569793



- From the below graph it can be inferred that **November** and **December** of **2015** were the months with most number of tweets for WeRateDogs twitter account. From **April 2016** and onwards the average tweets posted per month were **100**.



- The mostly used tweet platform was "**Twitter for iPhone**"



- The mostly tweeted dog name was **Charlie** (11 times), followed by **Oliver**, **Cooper** and **Lucy** (10 times each).

