

UDACITY DATA ANALYTICS NANODEGREE PROGRAM

DATA WRANGLING REPORT FOR @WeRateDogs Twitter

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WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. The account was started in 2015 by college student Matt Nelson, and has received international media attention both for its popularity and notoriety.



PURPOSE OF THE STUDY

We set out to analyze 5000+ tweets from their official Twitter page to gather some valuable insights that might be worth sharing.

From our analysis we gathered a couple of insights and arrived at some rather funny conclusions.

Insight 1:

From the above plot, it can be deduced that the most frequent rating given to the dogs in this analysis is 12, with 450 tweets containing that as numerator, followed by rating 10 and 11 with 419, and 396 occurrences respectively.

WeRateDogs has a unique rating system with the numerator usually higher than the denominator, silly right??? But yea it makes it all fun and exciting.

Insight 2:

From the analysis above, 93% of all tweets have more than double the amount of favorites than retweets.

N.B Favourites being likes,

As is common custom, a tweet on twitter tends to have more likes than retweets.

Insight 3:

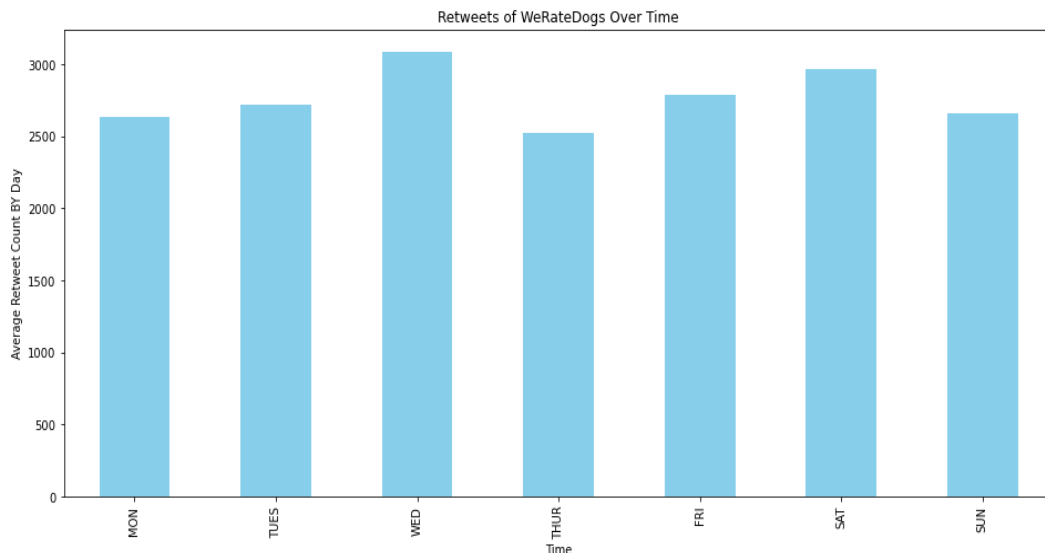
From the figure above, we can deduce that Oliver, Charlie, and Cooper are the top names given to dogs with each occurring 12, 11, 10 times respectively.

Visualization

For this section, we plotted 2 graphs;

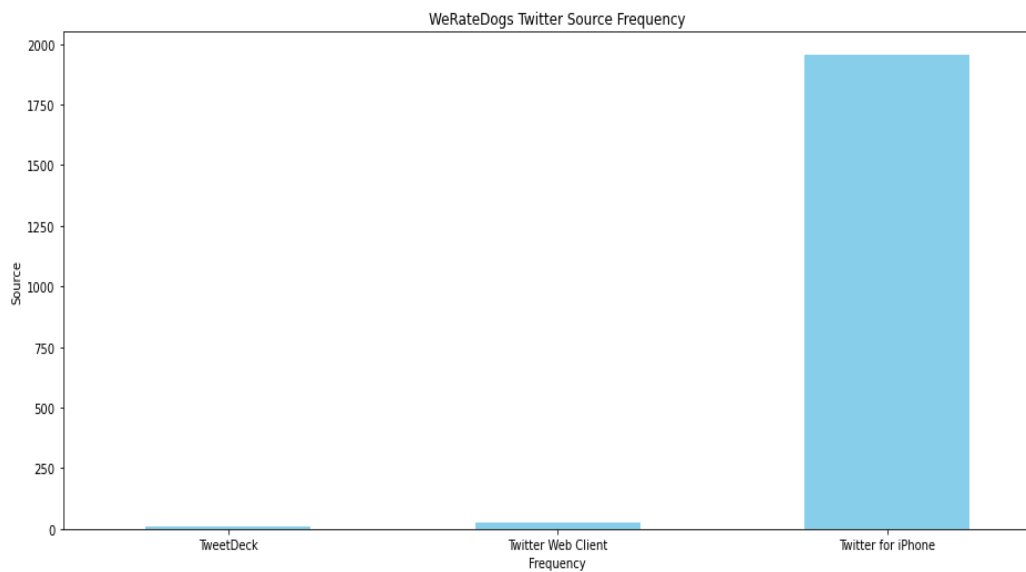
Graph 1. Retweets of WeRateDogs over time i.e., which day of the week has the highest retweet for WeRateDogs.

```
plt.ylabel("Average Retweet Count BY Day")
plt.title("Retweets of WeRateDogs Over Time");
```



Wednesdays has the highest retweets of the days of the week, closely followed by Saturdays and Fridays.

Graph 2. Show the most tweets and what source there came from i.e., Device used.



Twitter for iPhone' was the most source i.e., device for making tweets .

Conclusion

The Twitter account WeRateDogs ([@dog_rates](https://twitter.com/dog_rates)) is devoted to humorously reviewing pictures of dogs doing adorable poses and activities. Dogs are rated on a scale of one to ten, but are invariably given ratings in excess of the maximum, such as "13/10". It has acquired over 9.3 million followers since it was launched.