



ACT REPORT

Analysis and insights on Twitter's data

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Analysis and Visualization

Context :

The WeRateDogs Twitter 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 however are almost always greater than 10 (11/10, 12/10, 13/10, etc.). In normal cases, the rates should be 1 to 10, but it isn't the case, because they evaluate that "they're good dogs Brent."

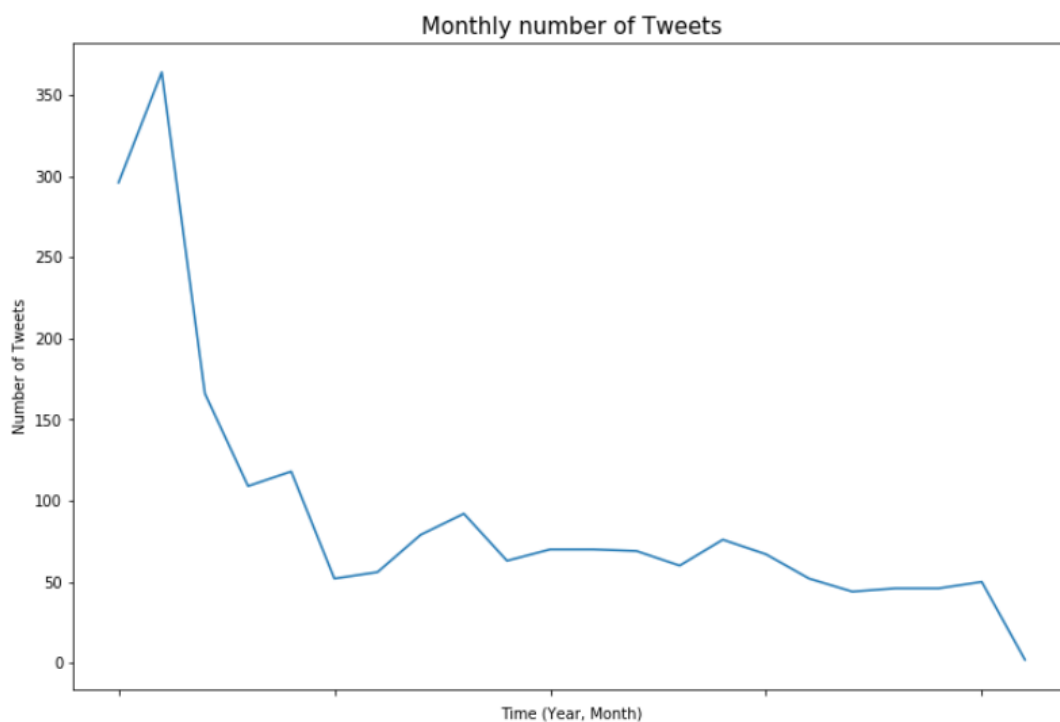
Aim :

The aim of this work is to analyze and find hidden insights contained in the three datasets that were assessed and cleaned (as described in the wrangle_report.pdf). In parallel, this analysis tries to answer the following 4 questions that came to my mind throughout this project:

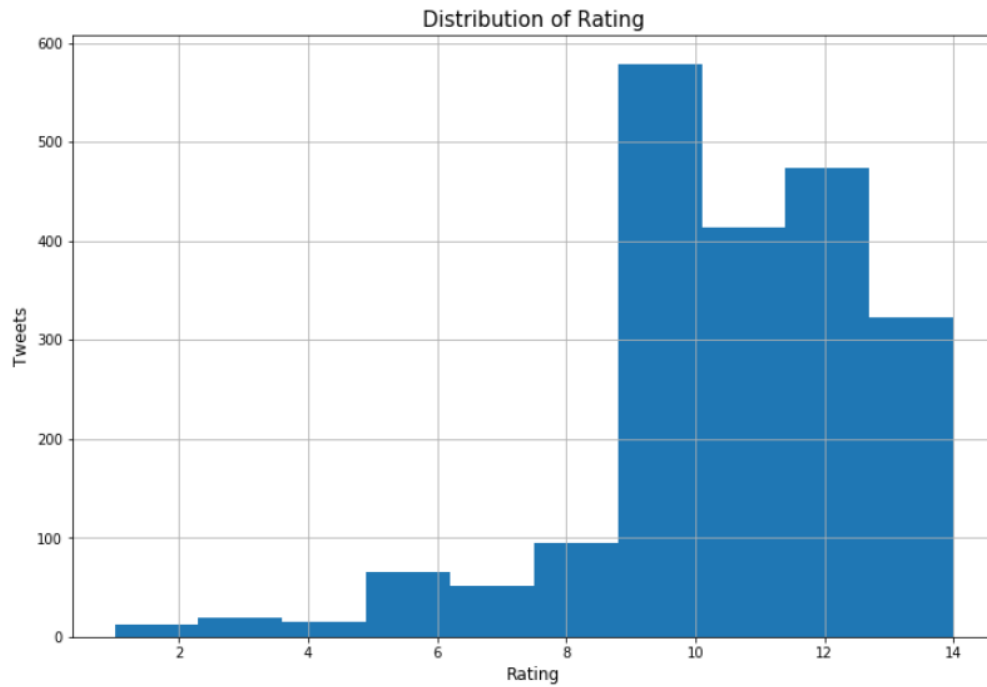
1. What is the monthly number of tweets over the whole period?
2. What is the distribution of the Denominator Rating?
3. Are retweets and favorites correlated?
4. Most 10 popular names of dogs?

Analysis:

1. **The monthly number of tweets decreases over time, almost reaching zero in the last period of the dataset. This indicates that the hype around the twitter account might vanish soon. I would advise the owner of the account to explore other strategies to grow engagement.**



2. The denominator rating distribution is skewed left, with most of the ratings falling under the range of 8 to 14. This supports the fact that most of the ratings are above the fixed numerator of 10.



3. A strong relationship is found between the retweets and the favorite counts. This means that a tweet with a high bucket of likes has a high probability of being retweeted.



4. The most popular names of dogs are:

Charlie	11
Tucker	10
Lucy	10
Cooper	10
Penny	10
Oliver	10
Winston	8
Bo	8
Sadie	8
Lola	8