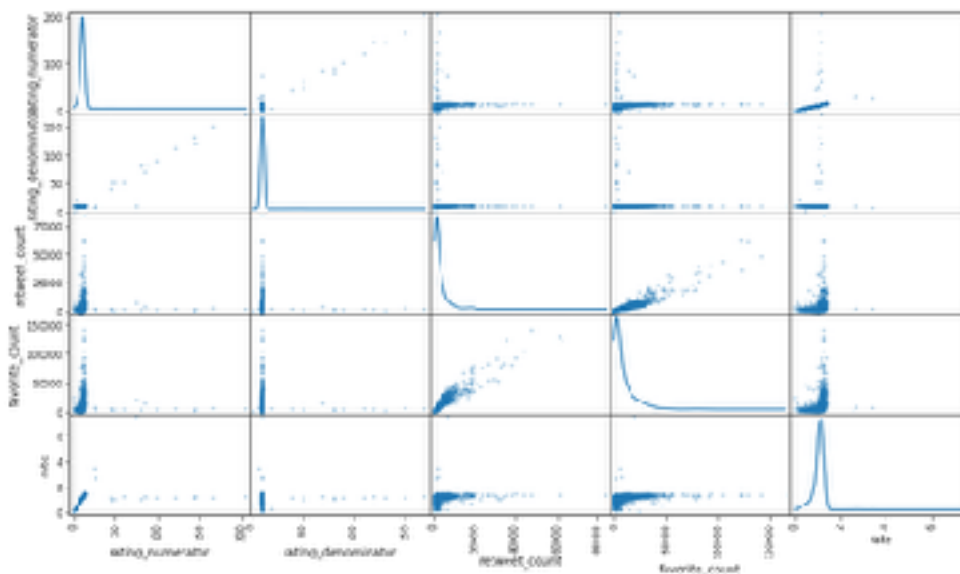


Introduction

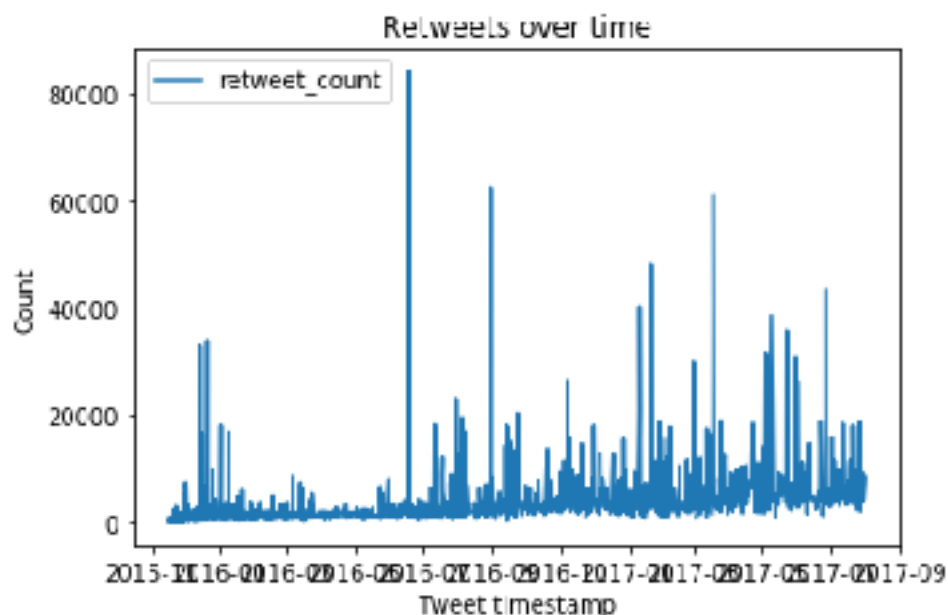
This report is about the analysis of WeRateDogs from twitter. In this analysis, I first find the correlation among the quantitative variables. Then, I focus on the trend of the retweet_count, favorites_count and rate over time.

Analysis

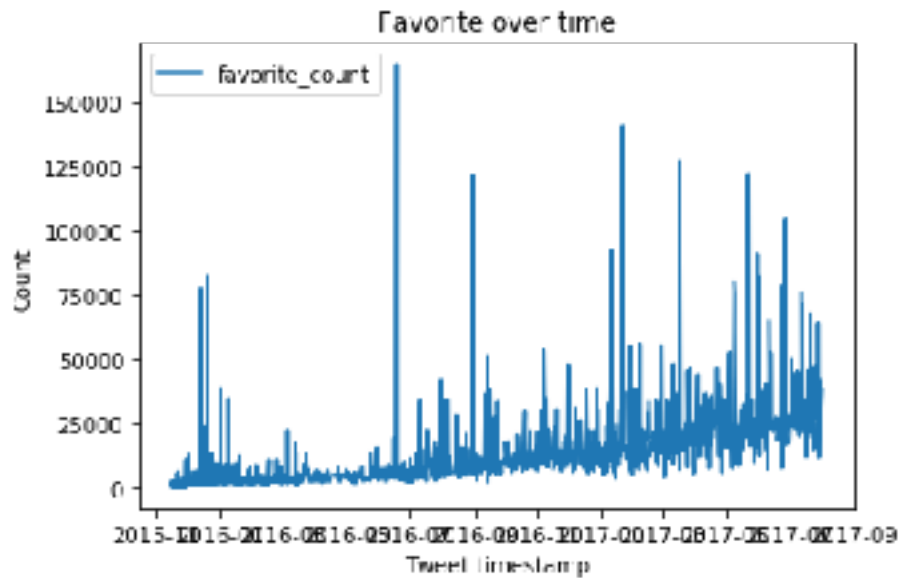
First, I built the correlation max among the quantitative variables. I find only retweet_count and favorite_count has strong positive correlation. After removing the outlier of rate, we can see there is also a positive correlation among rate, favorite_count, and retweet_count.



Second, I plot the retweet_count over timestamp. We can see the trend of the retweet is slowly increasing and there are many extremely count for some retweet.



Thirdly, I plot the favorite_count over timestamp. We can see the trend of the retweet is increasing faster than tweet_count and also here are many extremely count for some favorite.



Lastly, I plot the rate over timestamp. We can see the trend of the rate is fluctuated around 1. I have remove 2 outlier of rate which equal to 177.6 and 42. Those two has very high rate.

