

# Act Report

## WeRateDogs Twitter Data

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### Overview

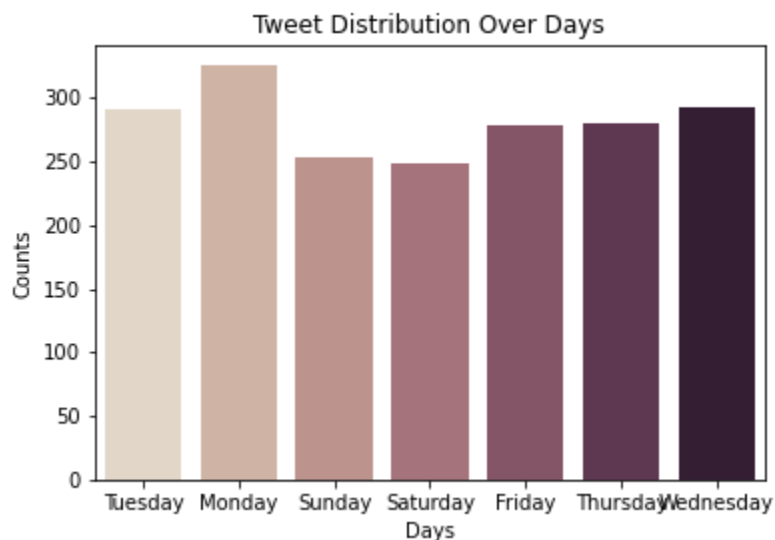
The data used in my analysis was gathered from the WeRateDogs Twitter account. Since I could not access Twitter API due to permission issues, I used the offline files shared in the course for the project. From the early analysis, I observed that the total number of tweets in the project file came to 2,356 tweets. In my analysis, I was interested in the number of favourites and retweets on each tweet.

### WeRateDogs Account

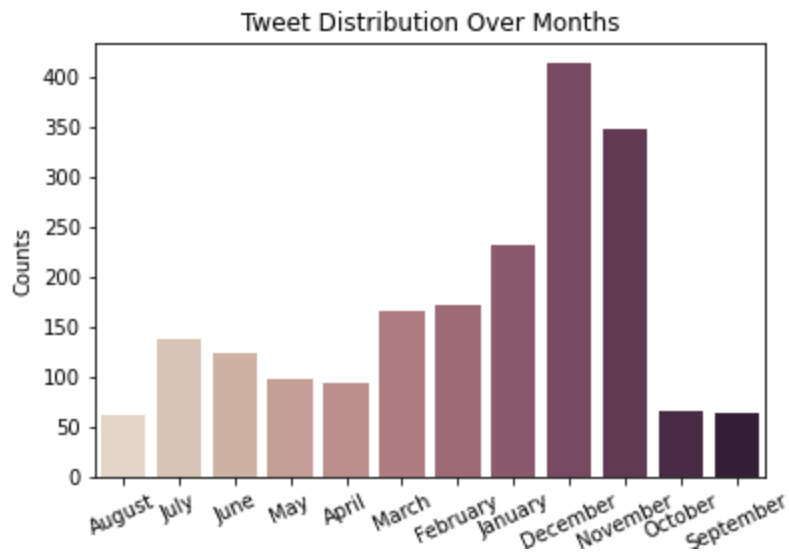
The twitter account used for the analysis (WeRateDogs) is a pretty popular account among lovers of dogs and dog enthusiasts. The following on the account currently stands at over 9 million as at 27th July 2021. Based on Twitter followership, it's considered a mega account with respect to following.

### Observations and Findings

- From the analysis on the WeRateDogs twitter data, I found out that the highest number of tweets were recorded on Mondays and this is closely followed by tweets on Tuesdays and Wednesdays.



- The month of November, December and January saw the most tweets. This can be linked to the fact that these months fall within the period of holidays.



- There is an observed correlation between the number of retweets and favorites in the dataframe. It is not surprising as the number of favorites a tweet receives would normally lead to an increase in the number of retweets.

Typically, the number of favourites on a tweet is more than the number of retweets. However, the constant remains that a strong correlation between favourites and retweets exists. The images below show the correlations recorded between for the favourites and retweets and the entire variables in the analysed dataframe.

