

Insight # 1: The least common rating given by WeRateDogs is 14/10

12	39.71
11	36.66
13	21.44
14	2.19

Table 1 Percentage of each rating (out of 10) found in the data

Although the page does not give low ratings as a habit, it has only given the maximum rating of 14/10 a mere 2.19% of the time. The second-least common rating is 13/10, showing that there is at least some method to the way ratings are given. The most common rating is 12/10, which is given to nearly 40% of all submissions.

Insight # 2: Posts made around midnight and around 7pm tend to get the most favorited

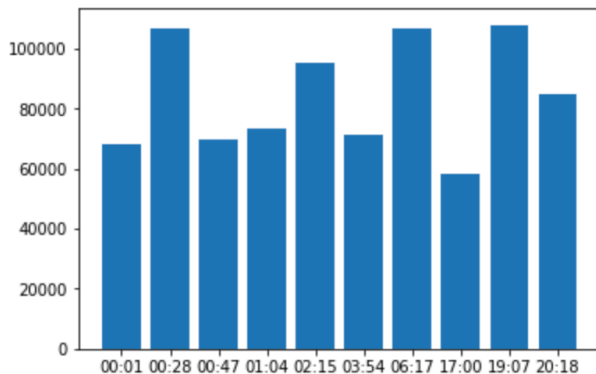


Figure 1 Timestamps of the most favorited tweets

To get these numbers, I created a DataFrame that was sorted by the favorites count (descending). Then, I plotted the timestamp against the favorited posts, and found that the most favorited tweets happen to be posted right after midnight and around 7pm. This appears to cover time zones in both the East and West of the US. The most favorited tweets have favorite counts above 100,000.

Insight # 3: The posts that get the most retweeted also happen to be the same ones that get favorited the most

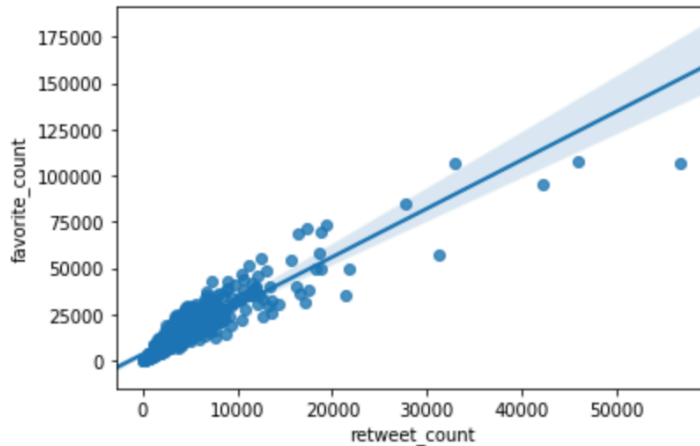


Figure 2 Scatterplot of retweet count and favorite count for each post

This insight was the most unsurprising of all the ones found from this data: There is a positive correlation between tweets that are favorited and the ones that are retweeted the most. This provides more assurance in the way that the Twitter algorithm works – the most popular tweets appear to get the most exposure, leading to an upward spiral in popularity. This leads to the tweets getting even further retweets and a higher favorites count.

Insight # 4: Doggos happen to be the highest-rated dog stage on average – even though they are not the most widely represented across the data set

dog_stage	
doggo	12.39
floofer	12.00
pupper	11.61
puppo	12.33

Table 2 Average rating for each dog stage

The average rating for each dog stage is provided in Table 2 above. The most interesting finding here is that doggos happen to have the highest average rating, even though they are not the most represented in the data set (at 33 instances). Furthermore, even though floofers are not very well represented in the data, they happen to still have a relatively high rating compared to puppers, who have the lowest average rating, even though they are the most common dog stage found in the data set.

pupper	59
doggo	33
puppo	12
floofer	4

Table 3 Count of each dog stage found in the data