

Act Report on WeRateDogs Archive Data

Communication on Findings

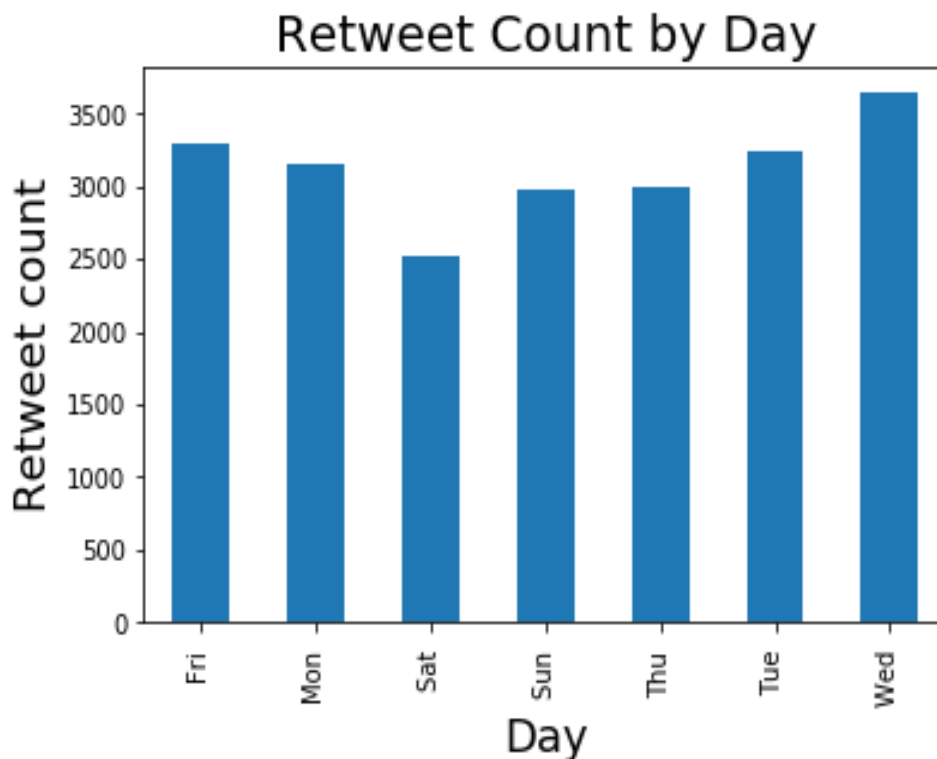
The aim of this report is to communicate findings on at least three insights from the WeRateDogs twitter archive data. WeRateDogs are known for rating dogs using a unique model where the numerators are greater than the denominators as they believe the dogs are too good to them.

The data set from the twitter archive have been assessed, cleaned, stored, analyzed and visualized. Insights to the analyzed data are expressed below.

Questions asked formed the basis for the analysis which uncovered these insights from the data set, same questions would be highlighted once again alongside answers that revealed insights into the data set.

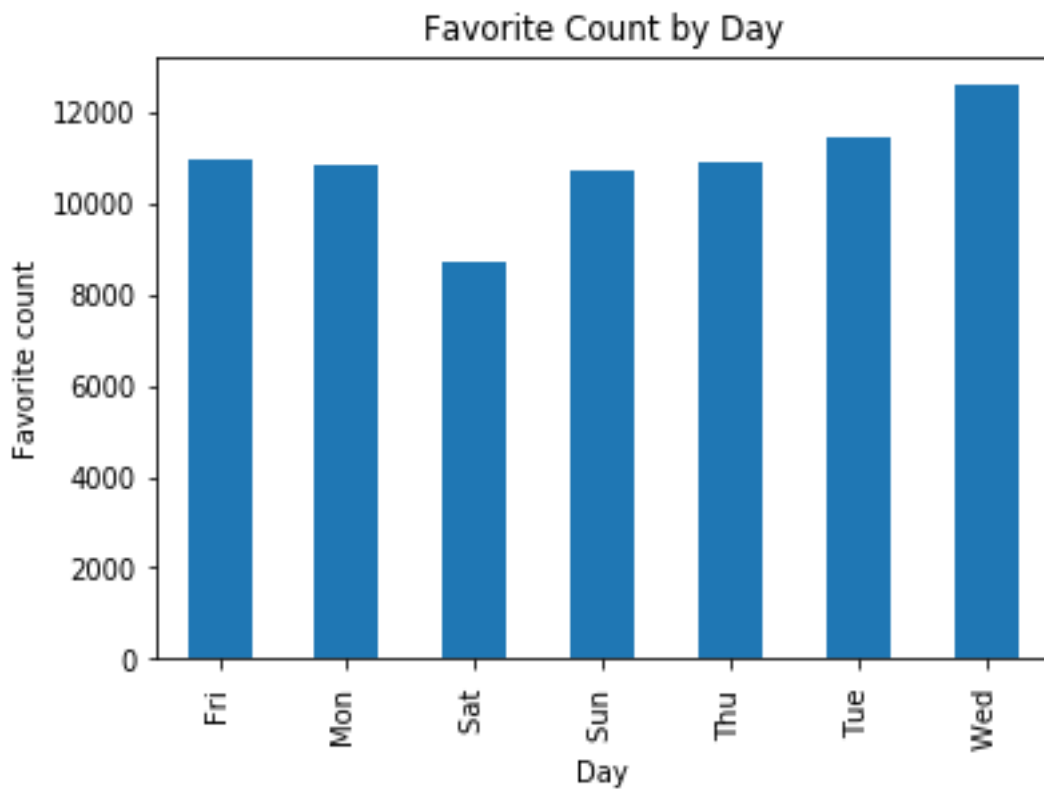
1. What day of the week had the most engagement
 - a. Using Retweet_count
 - b. Using favorite_count

Using Retweet_count: from the graph below, it shows Wednesday as day with the highest retweet count value, which we would once again observe using the favorite_count, to ascertain whether Wednesday shows up with the most count.



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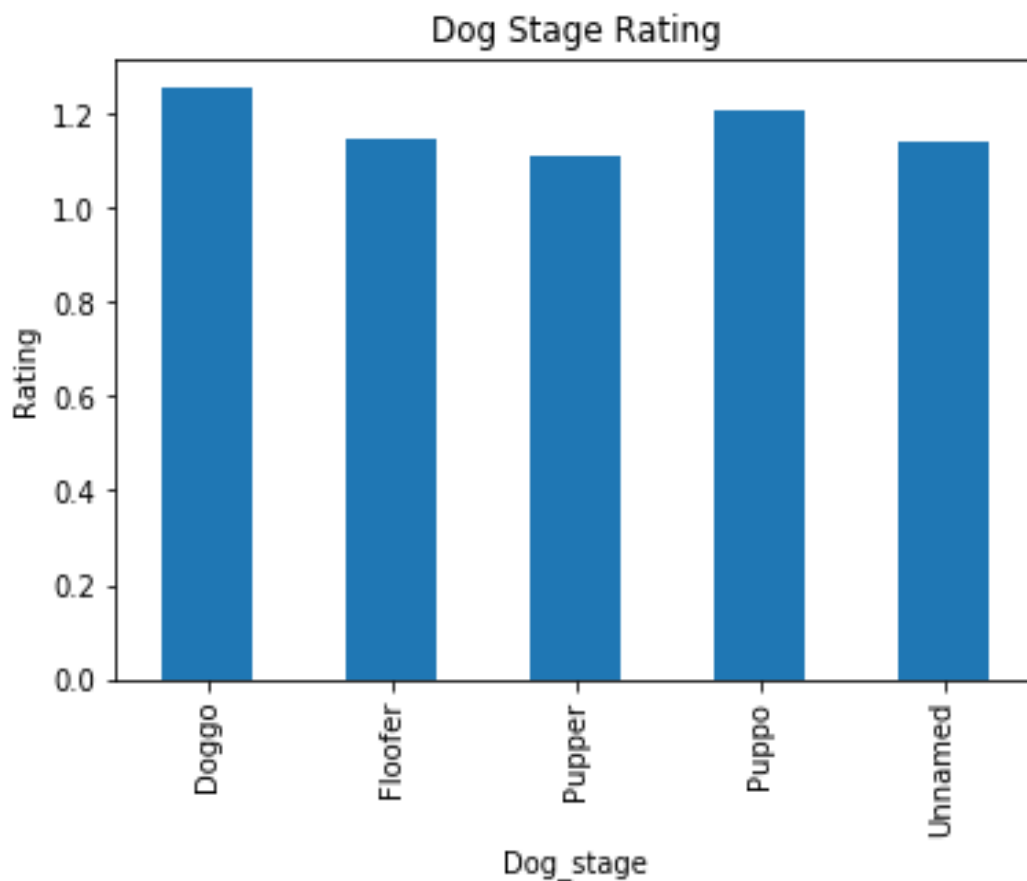
Using Favorite_count: from the graph below, Wednesday shows up as the day with the highest favorite_count value. This signifies Wednesday as the day with the most engagement, reflected in the favorite_count values.



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2. Which dog stage has the highest rating?

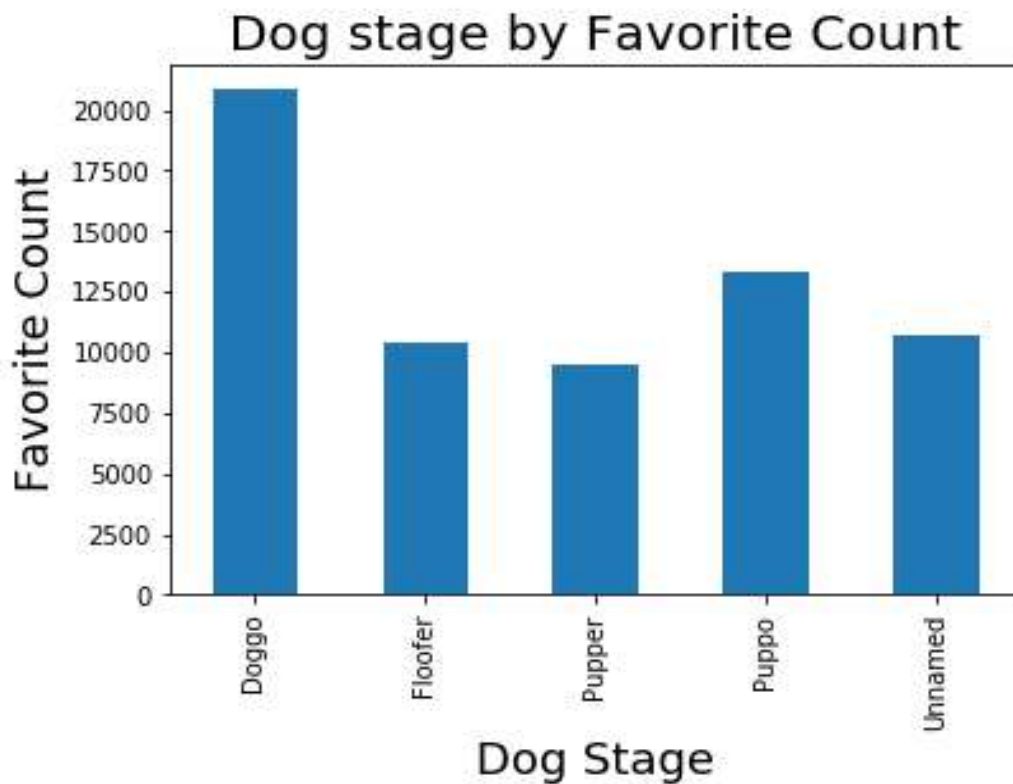
Here we are looking out for the dog stage with the highest rating, and to achieve this we are combining the 'rating' and the 'dog_stage' columns, graph below shows 'Doggo' as the highest rated dog stage



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3. Which dog has the highest favorite count?

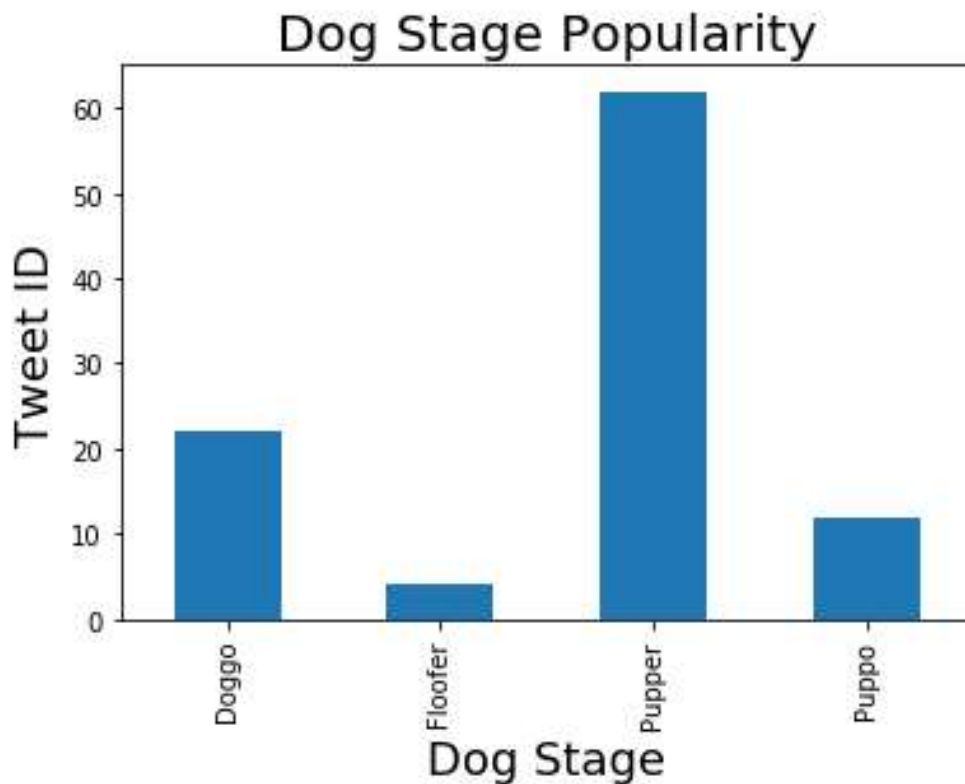
Here we are looking out for the dog with the highest favorite count, using the 'dog_stage' and the 'favorite_count' columns. The graph below reveals doggo has the most favorite count.



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4. What is dog stage has the most population?

On this analysis we are looking into the 'dog_stage' and unique 'tweet_id' columns, which goes on to reveal Pupper as the dog stage with the biggest population, supposedly the most popular.



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Conclusion

1. Wednesday is the day of the week with the most engagement.
2. Doggo is the most favorite dog stage.
3. A dog at the doggo growth stage is more likely to get a higher rating compared to any other growth stage.
4. Pupper is the dog stage with the largest population, supposedly the most popular of all dog stages.

Limitations

By following the conclusion above, there is a high probability it is accuracy, the conclusion however might not be completely true as data might have some errors, as we have seen in columns holding wrong values, like ratings for nonliving things and other animals that are not dogs. Also, some extraneous rating and missing values were dropped, with new columns introduced by manipulating existing columns, for a proper representation of the data.