# ACT REPORT

PROJECT: 2 WeRateDogs

Twitter Dataset

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INTRODUCTION

• About:

We Rate Dogs (@dog_rates) is a Twitter account dedicated to reviewing images of dogs in lovely poses and giving them scores above 10/10. Since its inception, it has amassed over 7 million followers. Dogs are commonly classified under 4 different dog stages, namely: doggo, puppo, pupper, and floofer.
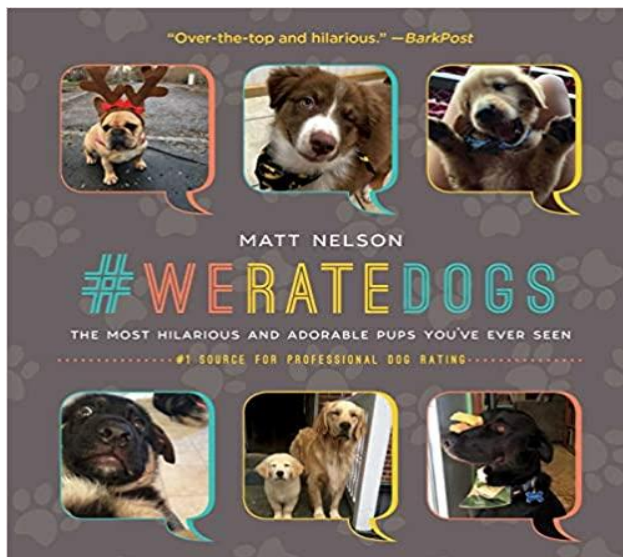
The interesting details to note are the meanings of these dog stages. The account has a dogtionary written in a WeRateDogs book. I will briefly describe them below.

- Doggo – A big pupper, usually older. A pupper that appears to have its life in order.
- Pupper – A small doggo, usually younger, inexperienced, unfamiliar, and unprepared for responsibilities in any way.
- Puppo – a transitional phase between pupper and doggo.
- Floofer – or floof. This describes any dog. Refers to dog fur.

INSIGHTS

1. The most common dog stage is pupper, followed by doggo. The count for pupper is 203 and 62 for doggo.

2. The dog breed with the highest likes is a whippet under the dog stage, 'doggo'. The image prediction was accurate as shown by the 'True' in the prediction1_dog column.

3. There seems to be a weak relationship between favorite count and number of images. With correlation value of 0.128051.

4. There appears to be a strong positive relationship between favorite count(likes) and retweet count. As favorite count increased, so did retweet count.

5. The neural network used in predicting dog breeds had high degree of accuracy in making predictions. Most predictions (over 60%) made turned out to be true.

VISUALIZATIONS

Relationship Between Favorite_Count And Retweet_Count

It is expected that the more people like something especially tweets, the more likely it is to be retweeted. Well, good thing this data did not say or show otherwise. There is clearly a strong positive relationship between favourite count and retweet count. Yippee!!

Take note of the colour bar on the right-hand side of the chart. Notice how the colours of the points tell a compelling story. The colour of the points changes as retweet count increases.

Relationship Between Favorite_Count And Image_Num
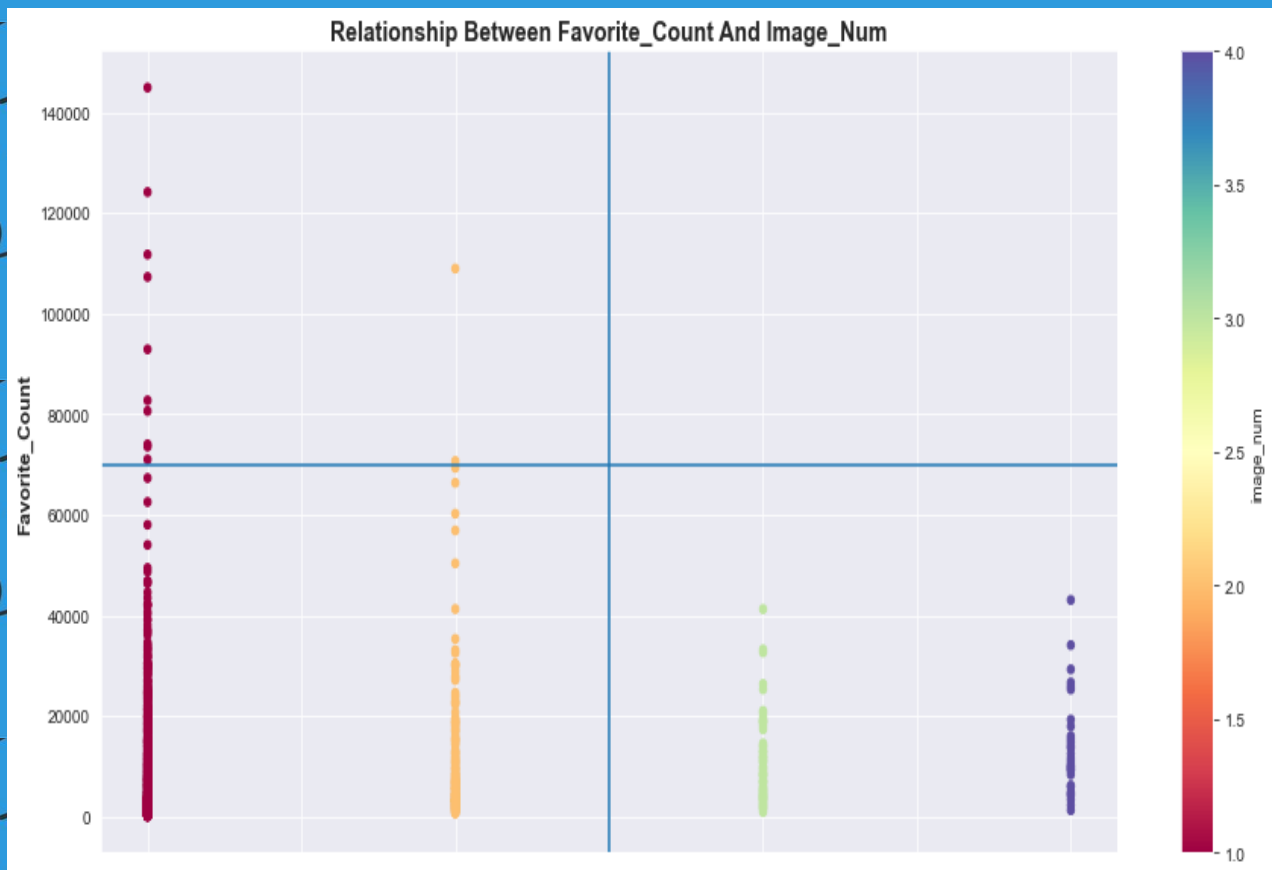
I thought that the likeness for a tweet that contained more images of the dogs would be higher. I mean everyone loves to see those 'floofy' cute companions. Well, apparently, I thought wrong. The data here tells a completely different story. The relationship between these variables is really weak and as the chart shows, likes did not necessarily increase simply because there were more images of the dogs.

Once again, it would also be good to point out those colourful points on the chart. Different colours tell the number of images and with that you can follow the favorite count.