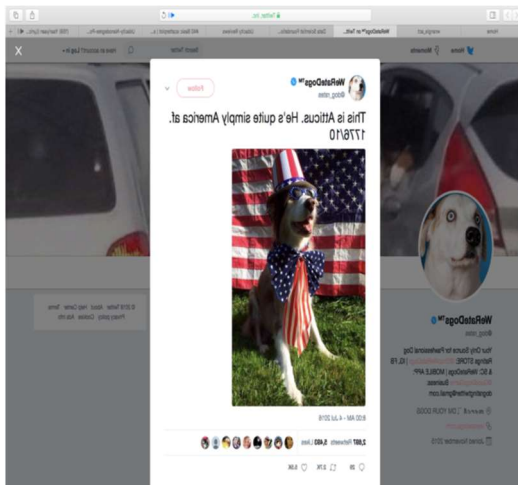


# WeRateDogs Data Analysis Report



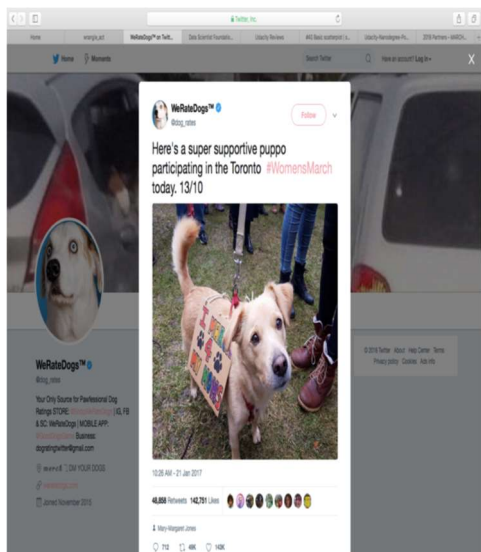
[WeRateDogs](#) is a Twitter account that rates people's dogs with a humorous comment about the dog. It was started in 2015 by college student Matt Nelson, and has received international media coverage both for its popularity. Data used in this project is grabbed from inception up to and excluding August, 2017 about 2400 tweets initially. In particular number of retweets and favorite counts are analyzed and are drafted in this report



One interesting result is the maximum numerator rating of 1776.

This rating may be given by the user to celebrate U.S independence. The year 1776 is celebrated in the United States as the official beginning of its nationhood, with the [Declaration of Independence](#) issued on July 4.

The tweet was posted on 4<sup>th</sup> July, 2016 stating “This is Atticus. He's quite simply America af.” The tweet image prediction could not tell which breed of dog it is and predicted it as sunglasses and bow tie (because this is what he wears!)



This tweet at WeRateDogs has received the maximum likes as on August 1, 2017. The tweet was posted on 21<sup>st</sup> January, 2017 when the largest single-day protest in U.S history took place, stating “Here’s a super supportive puppo participating in the Toronto #WomensMarch today.”

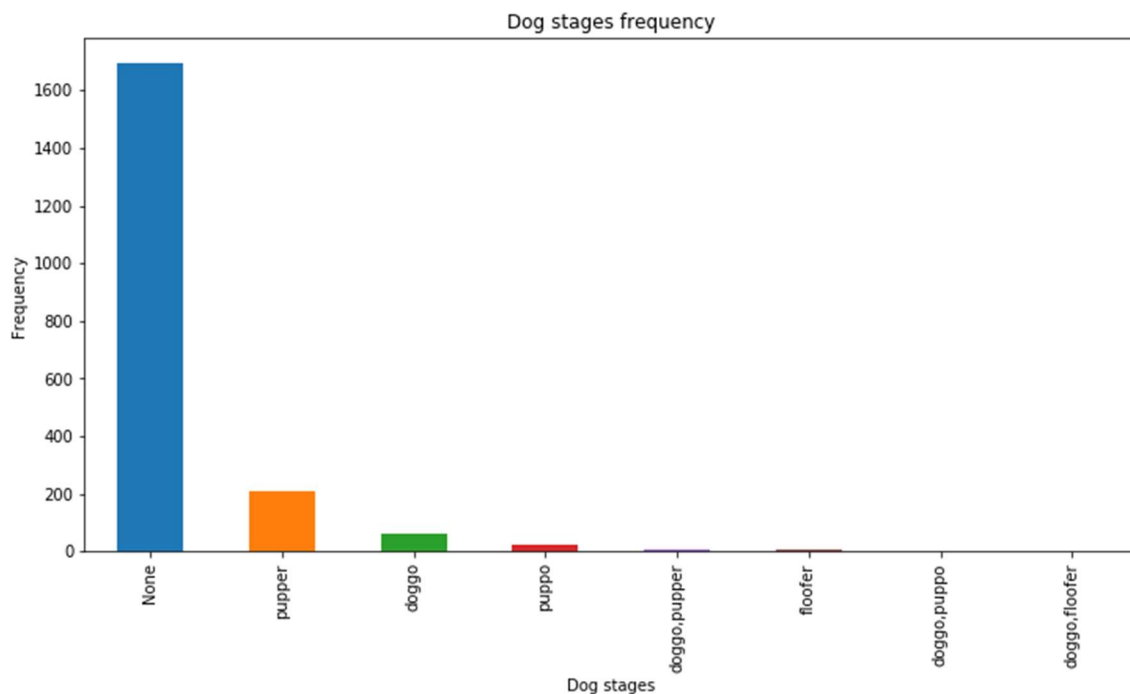
The maximum number of likes are may be due to the board which the dog is wearing to support the Women's March.

The Women’s March was a worldwide protest on January 21, 2017, to advocate legislation and policies regarding human rights. Most of the rallies were aimed at Donald Trump, largely due to statements that he had made which were regarded by many as antiwomen or otherwise offensive.

### Analyses questions:

Which stage has the highest number of posts?

In the data there are specifically four stages of dogs are mentioned, so having these four stages, which stage has got highest number of posts is analyzed

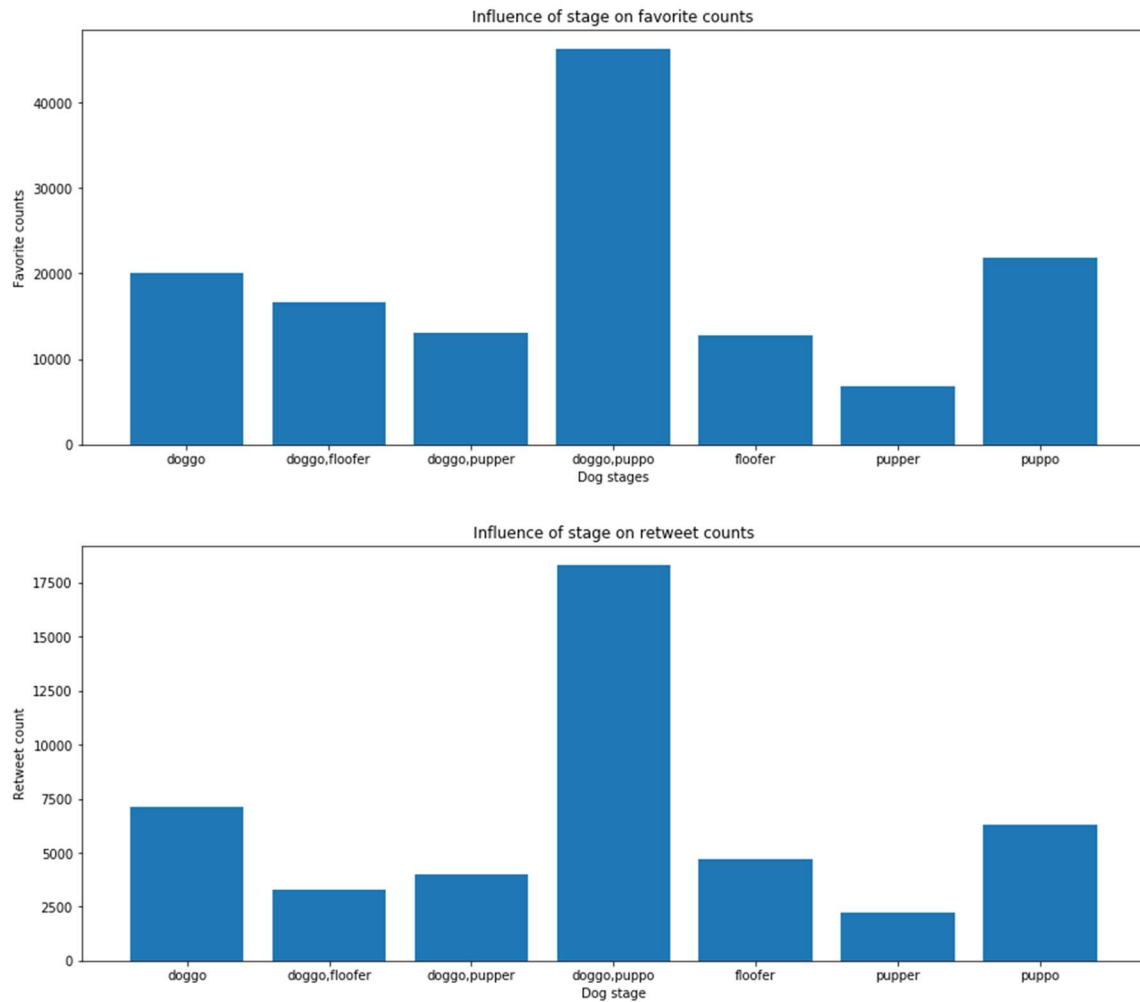


## Conclusion

Given four stages of dogs are Pupper, Doggo, Puppo, Floofer and other mixed stages as in the plot. Out of these 4,

Pupper has the highest number of posts.

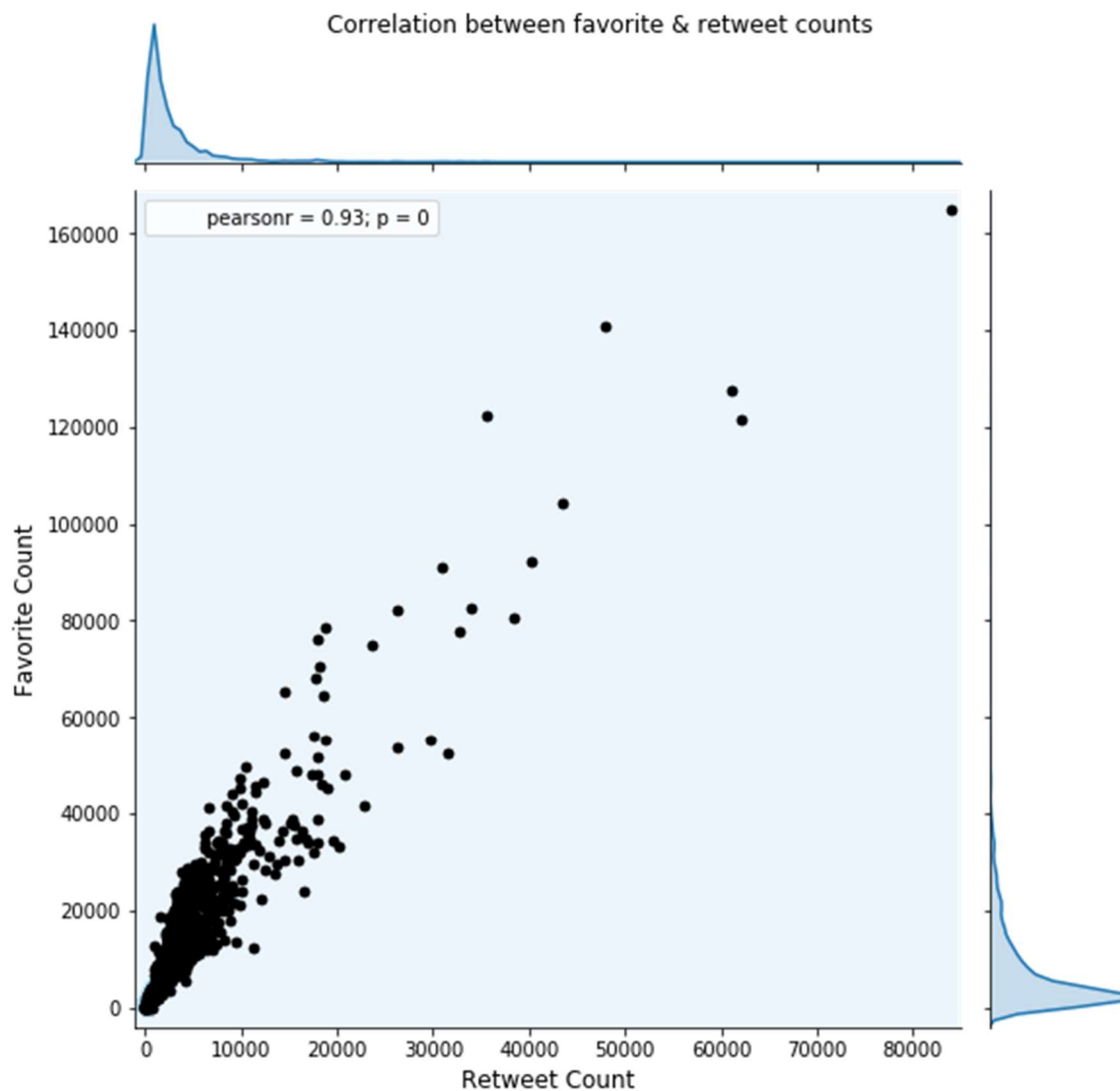
## Does dog\_stage has any influence on favorite\_count and retweet\_count?



## Conclusion

Besides pupper having the highest frequency, Puppo gets the highest number of favorite counts followed by Doggo, Floofer, Pupper and Doggo gets the highest number of retweet counts followed by Puppo, Floofer, Pupper.

## Is there any correlation between favorite and retweet counts?

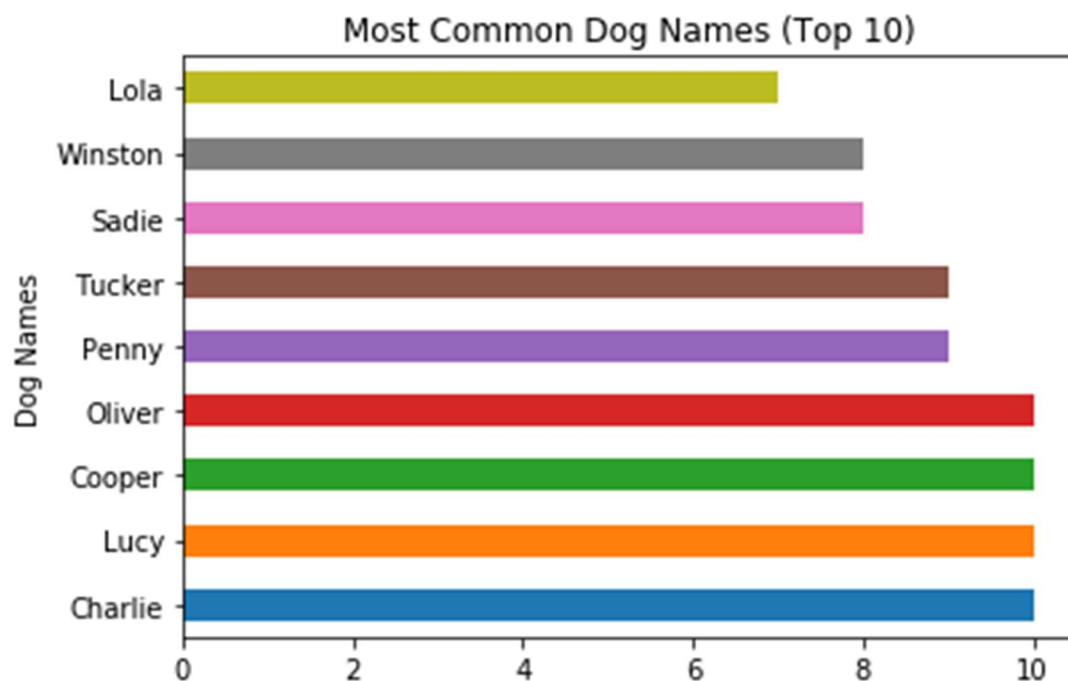


### Conclusion

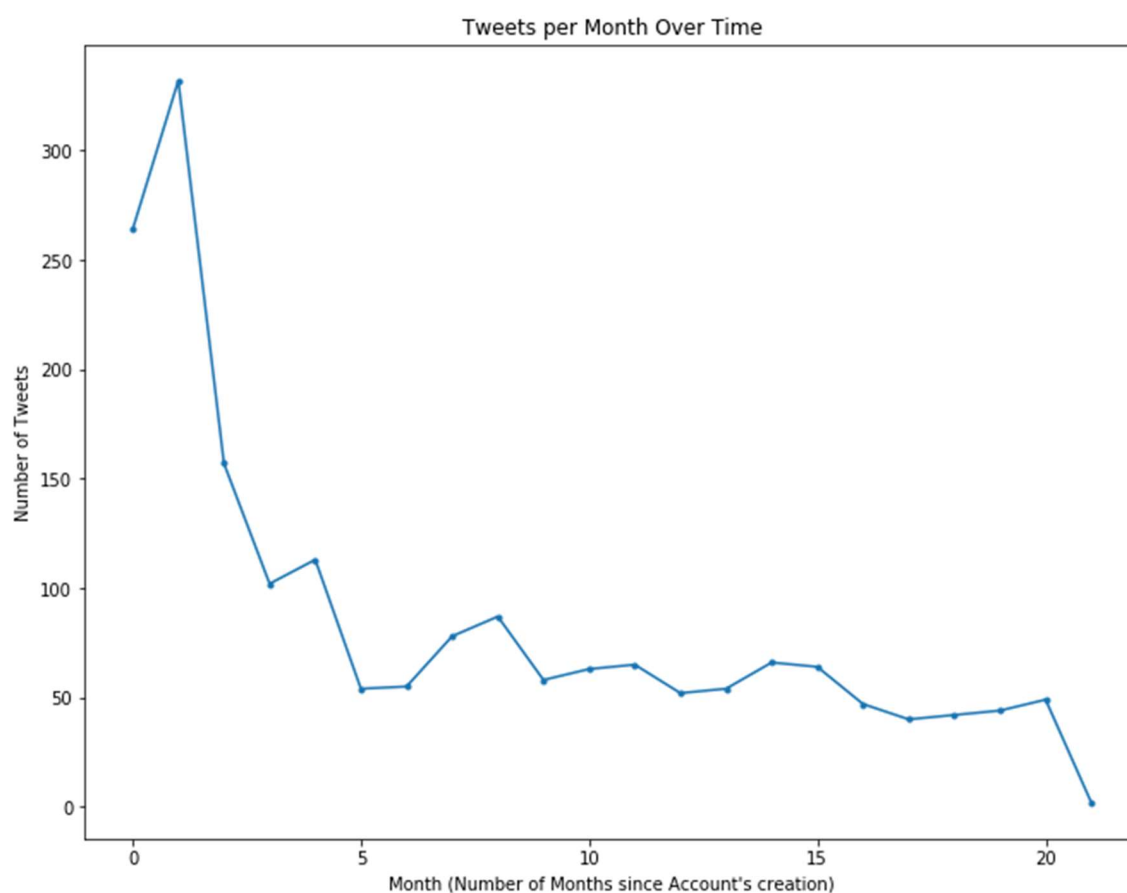
There exists a positive correlation between favorite count and retweet count. The relation is too strong when there are less number of likes or retweets and as they increase, the relation becomes weak.

### Most frequent dog names:

Here's a bar plot showing the most common dog names used in tweets at WeRateDogs. The most common dog names are Oliver, Cooper, Charlie and Lucy.



## Tweets per Month Over Time



The graph clearly illustrates that @dog\_rates post rate has declined significantly since it's creation. The slight dip at the end is less dramatic than it seems, since the data for August only includes the first of the month. The increase around 7.5 months corresponds with the summer months. Hinting the person running the twitter account was a student.