

# Data wrangling and analyzing for WeRateDogsTwitter account

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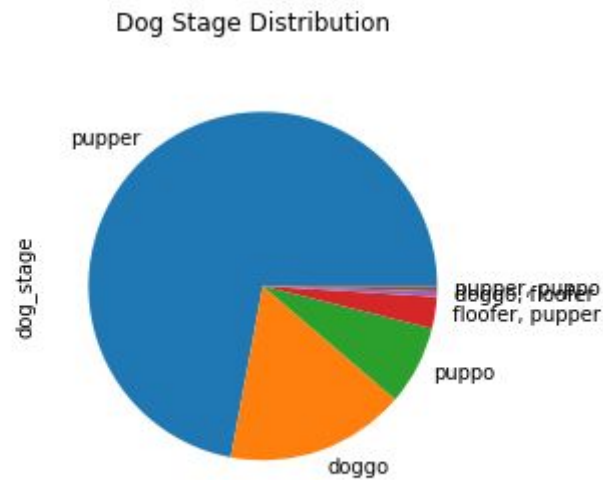
## Introduction

**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 and for the attention drawn to social media copyright law when it was suspended by Twitter. WeRateDogs is a Twitter account that rates dogs picture with a nice comment twitted by users. It was started in 2015 by Matt Nelson, and has received international media coverage both for its popularity and for the attention drawn to social media copyright law when it was suspended by Twitter. As of October 2017, the Twitter account has close to four million followers and Nelson sees 30,000 likes on a post as being viral. WeRateDogs asks people to send photos of their dogs, then tweets selected photos rating and a humorous comment. Dogs are rated on a scale of one to ten, but are invariably given ratings in excess of the maximum, such as "13/10". Popular posts are re-posted on Instagram and Facebook.<sup>[2]</sup> In 2017, Nelson started a spin-off Twitter account, Thoughts of Dog.<sup>[1]</sup>

In this project , after gatherng three parts of WebRateDog data, data was asseessed for any quality and tidiness issues and then the charts were driven based on cleaned data. In the following parts you can see the final charts and analysis .

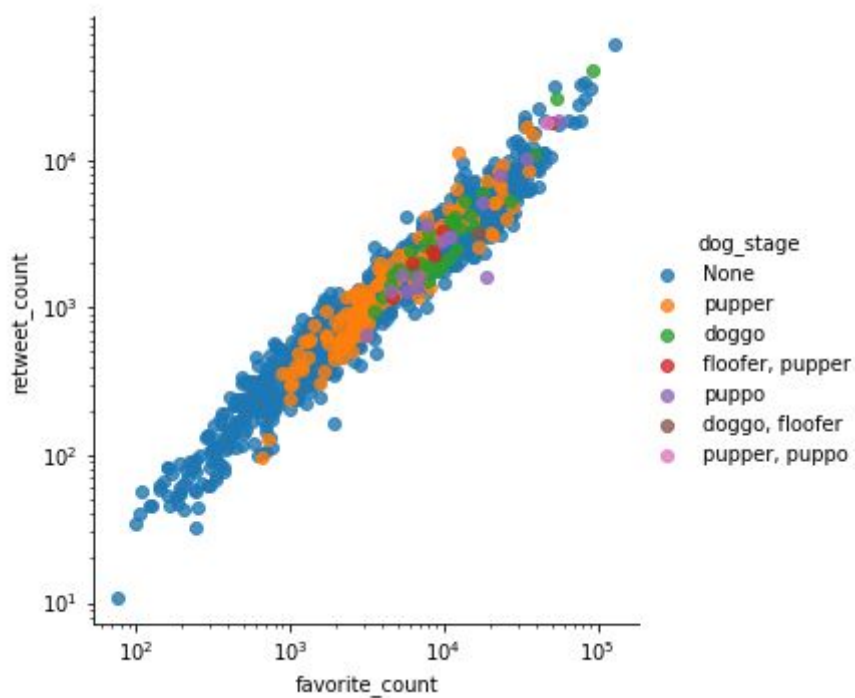
## 1- Dog Stage Distribution

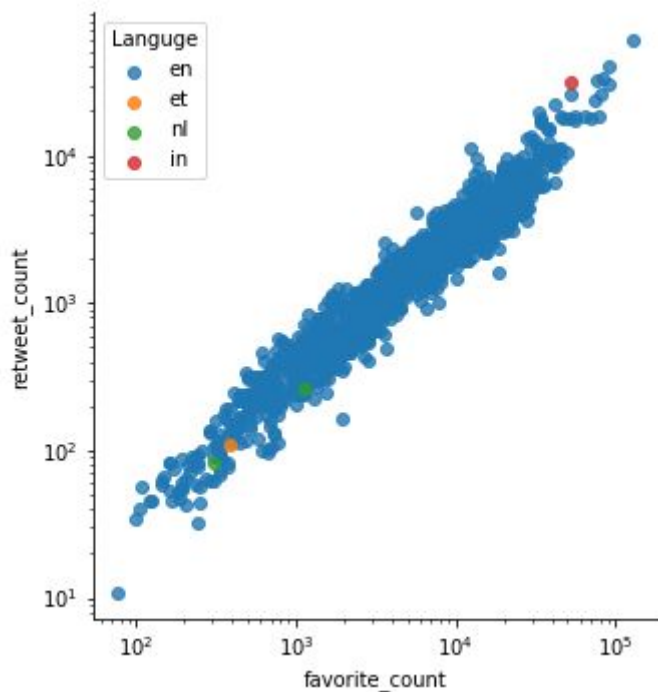
Pupper is the greatest dog stage in this analysis.



## 2- Correlation between retweet count and favorite count in different dog stage category or in different language

For all dog stages and for all tweets languages(as categorical variables) , the more favorite count ,the more retweet count ( there is strong correlation between favorite count and retweet count . For some dog's stage like pupper and then doggo , we can see more data than other stages . and also for english language we can see more data than other languages.





### 3- Increasing retweet and favorite count over time

As we saw in previous part , retweet and favourite counts are highly correlated . In this chart we can see this correlation again.. Moreover the favorite and retweet counts both are increasing over time as well. For example, for During months, from 2015 -11 to 2017-7 favorite count and retweet count were increasing with the same low slope.

