

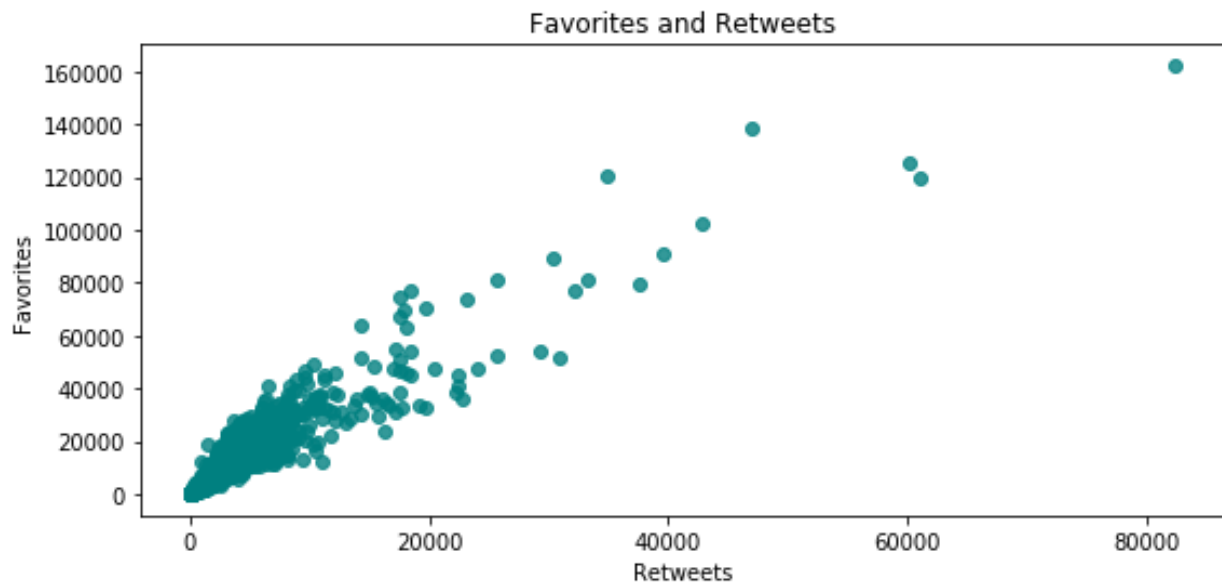
Garett Hansen – Data Wrangling Project

Before starting this project, I had never heard of WeRateDogs. I didn't even have a Twitter account before starting this project! With that being said, after working on this project and perusing the WeRateDogs page on Twitter, I might have found a reason to stick around Twitter.

A quick look at the WeRateDogs page will tell you that their tweets are very popular. In just the last few days, nearly all of their tweets have been retweeted over 10,000 times and have tens of thousands of likes, and sometimes hundreds of thousands!

Insight 1

The first insight I had regarding this data was discovering whether a correlation exists between the number of favorites and the number of retweets. To do this, I used the plotting capabilities of the matplotlib library. I created the following scatterplot using the `retweet_count` column as the x-axis and the `favorite_count` as the y-axis.



As you can see, there is a positive correlation between favorites and retweets. The higher the number of favorites, the higher number of retweets. Looking at social media in general, this correlation is easy to accept. The very concept of social media is connecting individuals to information, whether it be directly or indirectly. Favorites and retweets don't just come from the individuals directly following WeRateDogs but can come from any user that comes across one of their tweets.

Insight 2

Next, I looked at the most popular breed of dog based on image predictions. If I would have guessed the most popular breed before viewing the data, my guess likely would have been Labrador. While Labrador Retriever was the second-most popular dog breed, Golden Retriever came out on top.

Insight 3

The final insight I had regarding this data was regarding dog type. Despite being an outspoken dog-lover, I was completely unfamiliar with these dog categories. With that being said, type Pupper is by far the most popular with having more dogs in this category than all other categories combined (excluding non-categorized dogs).