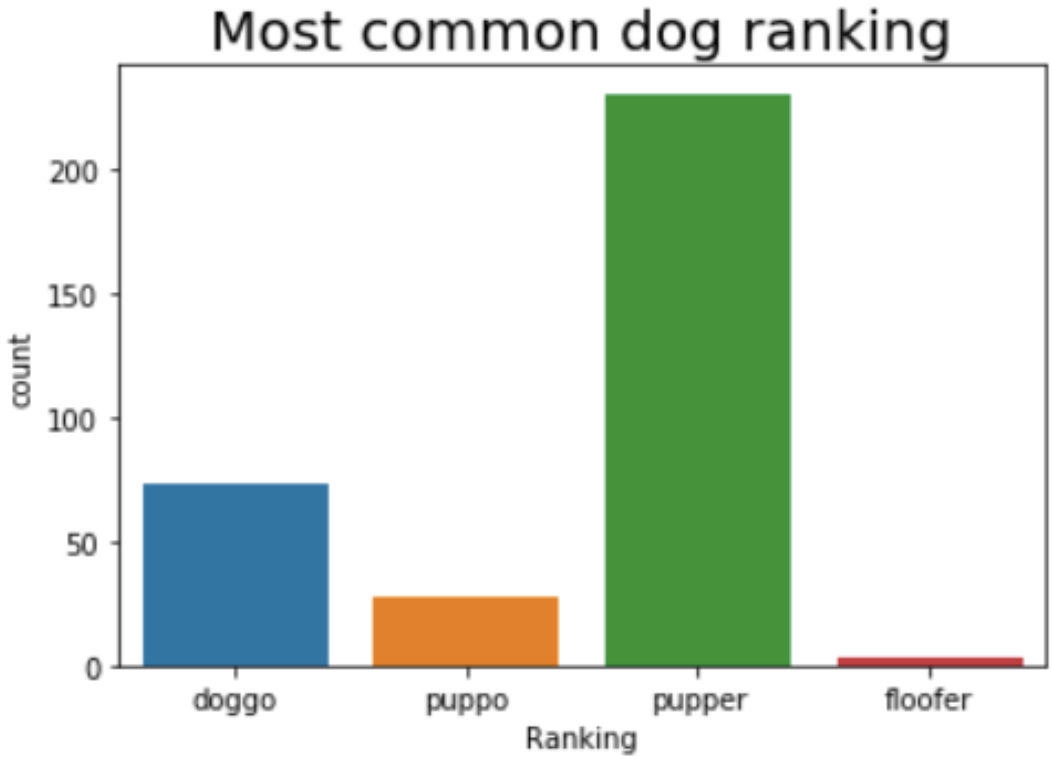
Insights and Visualization Report

Introduction

@WeRateDog is from a Twitter account where people leave humorous comments about cute dog's pictures and WeRateDogs has over 4 million followers. As a result of this, each dog will get a score by viewers. Funny thing is that out of 10 score, each dog's can earn more than 10 because this isn't rigorous contest of dog and all dogs are pretty! Other than scores of each dog's, by accessing related data you can view more details of this WeRateDog. So by the purpose of this project, we analyzed more deeply into WeRateDog data. I used the data from Udacity and Tweeter. However real world data isn't clean. For this project I used Python and its libraries. I gathered, assess then cleaned the data so it's easier and more accurate to see.
After all process is finished, I asked my self "What I learned about @WeRateDog. They are: what is most common dog ranking? What is relationship between favorite_count and retweet_count? And what is most common dog's name? As we go through this analysis, I will visually report my insights of WeRateDogs.

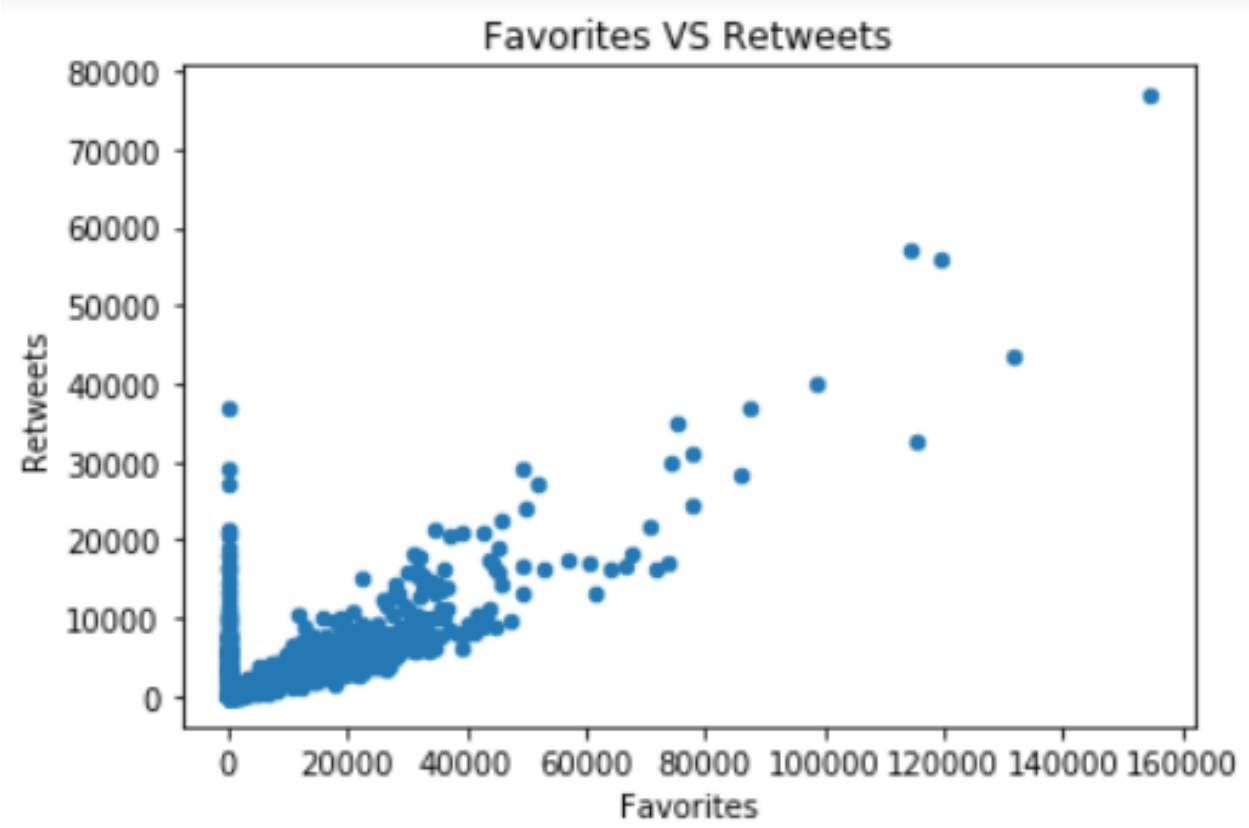
1. Most Common Dog ranking

As you can see from the graph, out of 4 different stages, "Pupper" was most common dog ranking according to the data.



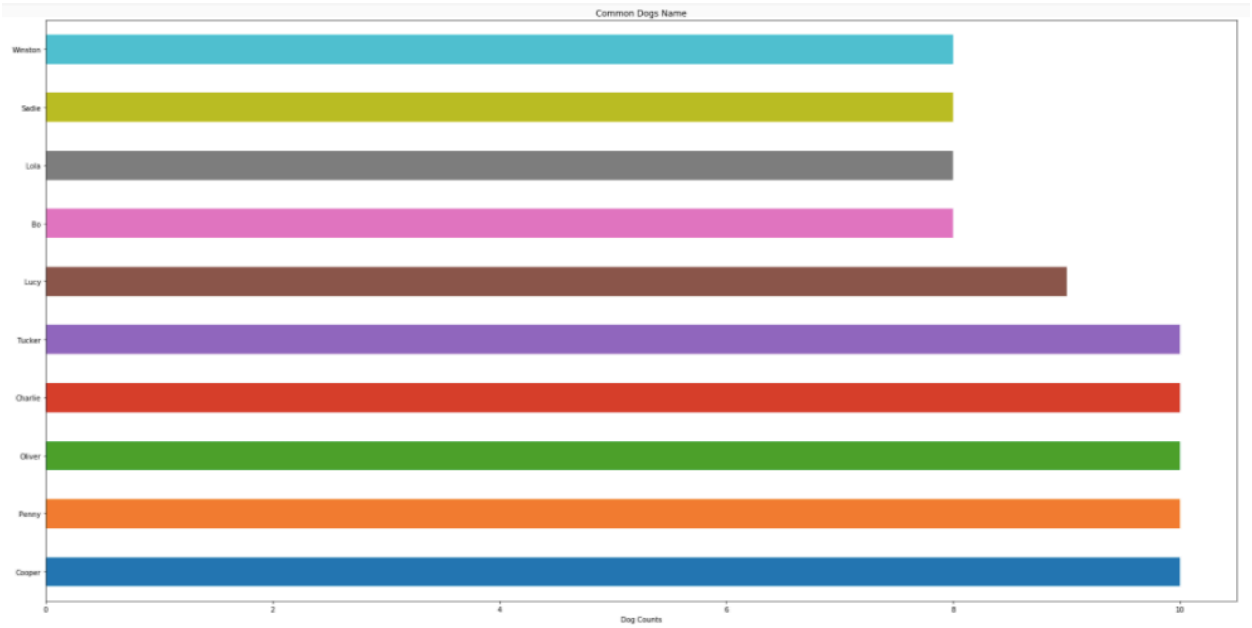
2. Relationship between favorite_count and retweet_count

As you can see the correlation in the graph, its clear that the graph is going up toward right. This positive correlation proves that as number of retweets increases number of favorite also increases. It is assumable because the more people retweet meaning more people like the picture of a dog.



3. Most common dog's name?

According to the bar graph below, among many other dog's name (I only retrieved top 10 dog's name other than "None") "Cooper" was most common.


Common Dogs Name
Winston
Sadie
Lola
Bo
Lucy
Tucker
Charlie
Oliver
Penny
Cooper
0
2
4
6
8
10
Dog Counts