

DataWrangling Visualizations

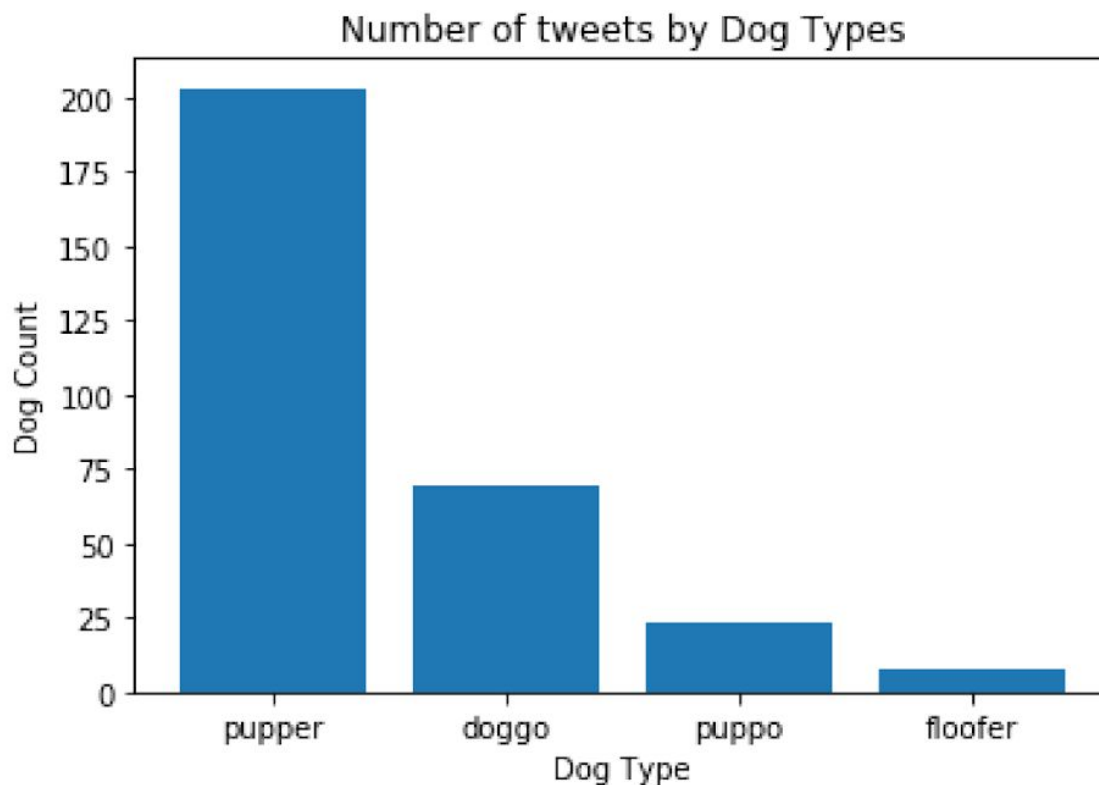
1. Introduction

The goal of the report is to display analysis and visualizations of the wrangled data from tweet archive of Twitter user @dog_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog.

2. Dogs with most Retweets

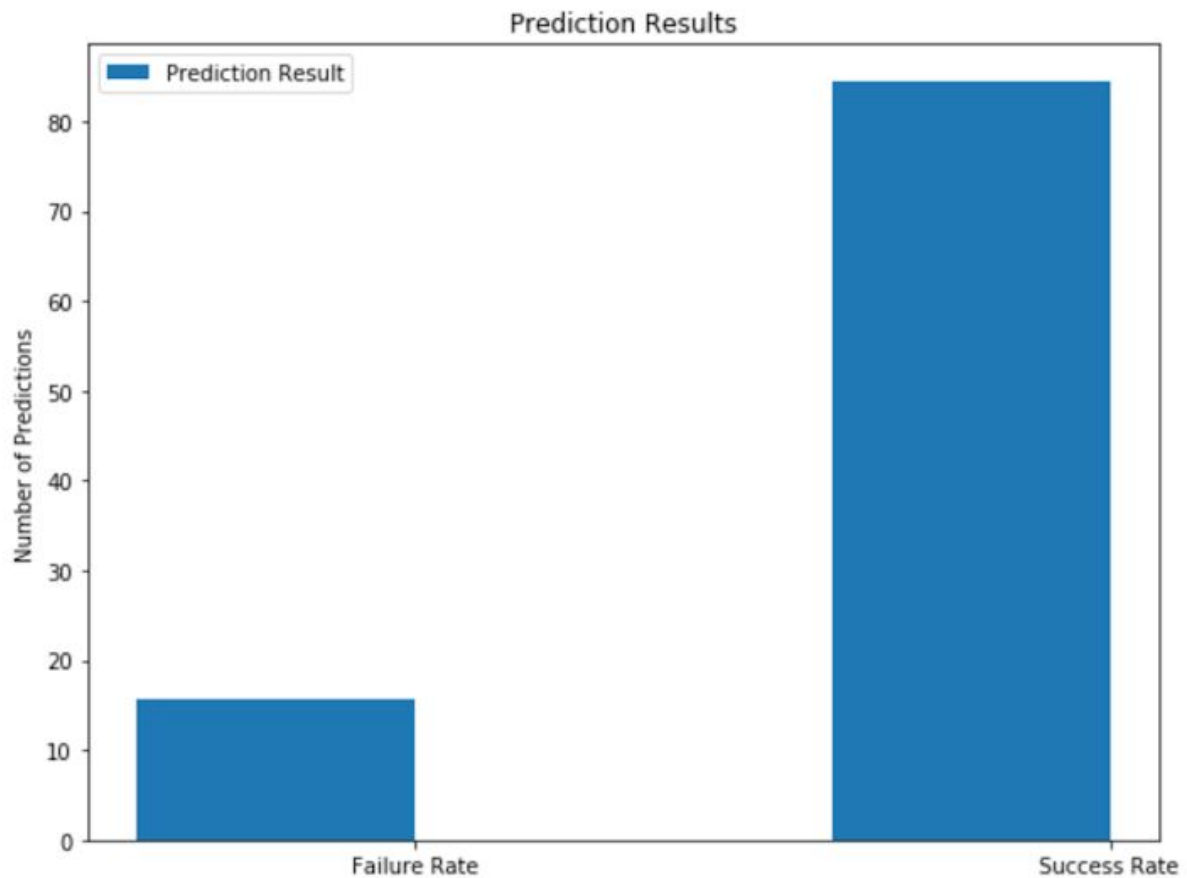
The below bar chart depicts the number of tweets for each dog_type. 'pupper' dogs are the dogs with the most number of tweets. Followed by 'doggo', 'puppo' and 'floofer'.

The dog with no dog_type's given is not considered.



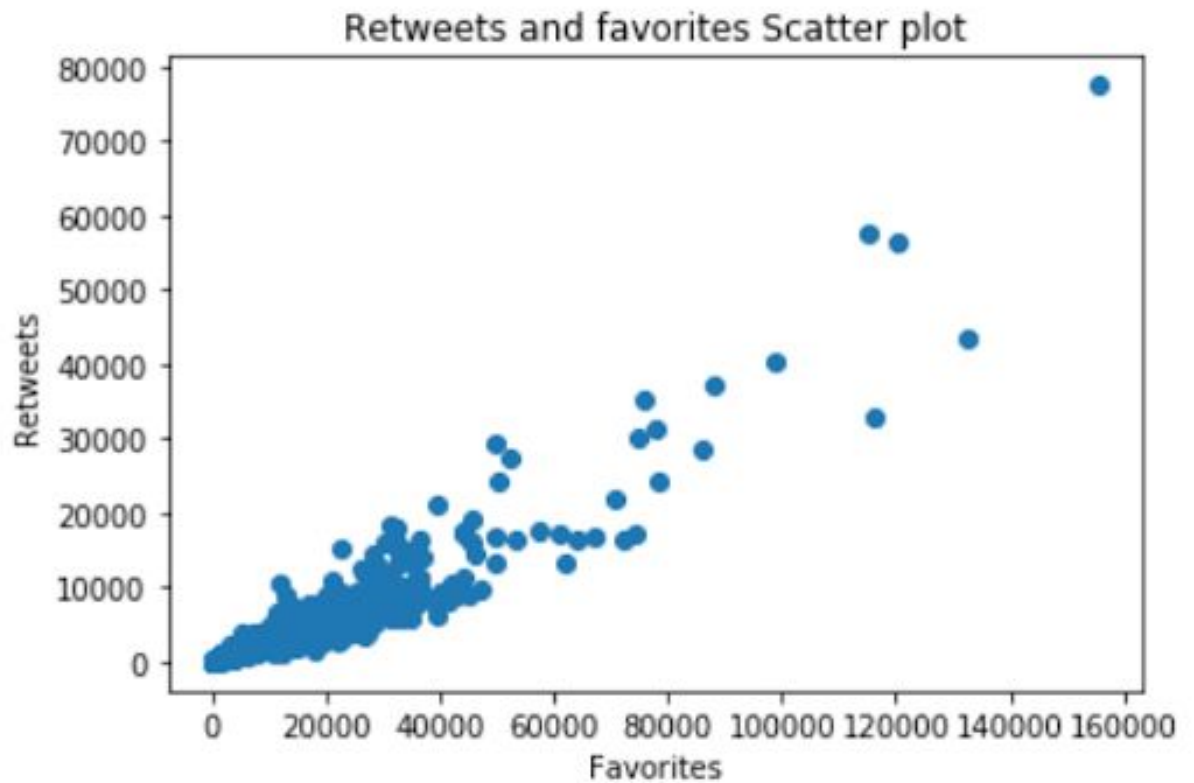
3. Image Prediction Results

The below chart represents the success rate of the image prediction algorithm. The Success rate is 84.39% and Failure rate is 15.61%. The Success rate is high, the algorithm is providing good results.



4. Relationship between Retweets and Replies

There is a positive correlation between the number of retweets and likes or favorites. Maximum number of Retweets is less than 30 thousand. Maximum number of Favorites is less than 60 thousand.



5. Prediction Success Rate

The success rate of the first prediction p1 is 59.45% and it is higher than p2(13.45%) and p3(6.03%).

