Data Analysis & Visualization

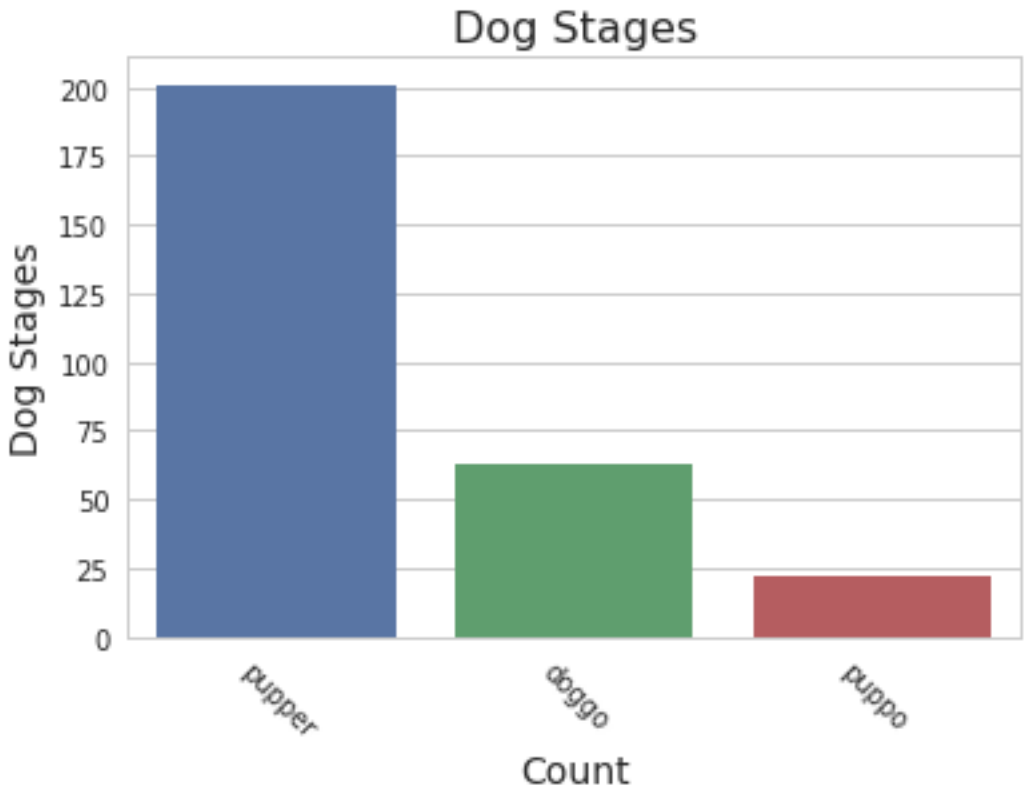
Introduction

This Act report provides data analysis for WeRateDogs twitter account from the master datasets that was developed during the project, it will provides insights analysis and visualization of results.

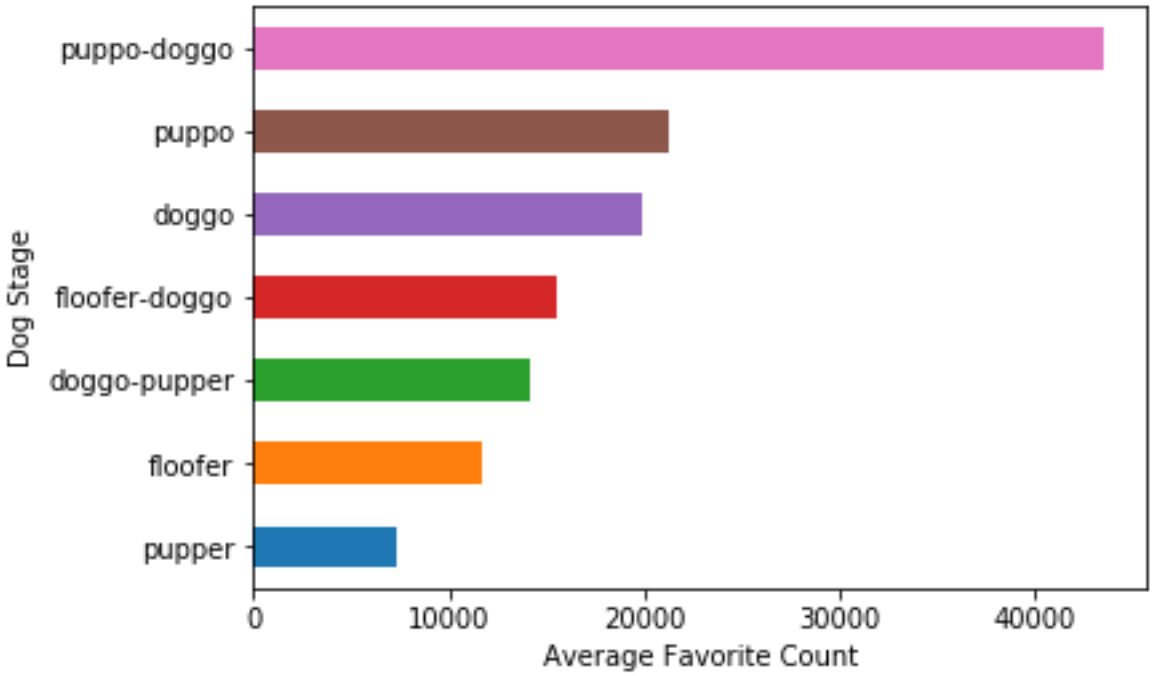
Insights

1. Dog Stages

   I investigated the dataset for dog stages and it shows that most dogs are classified in the pupper stage (a small doggo, usually younger).

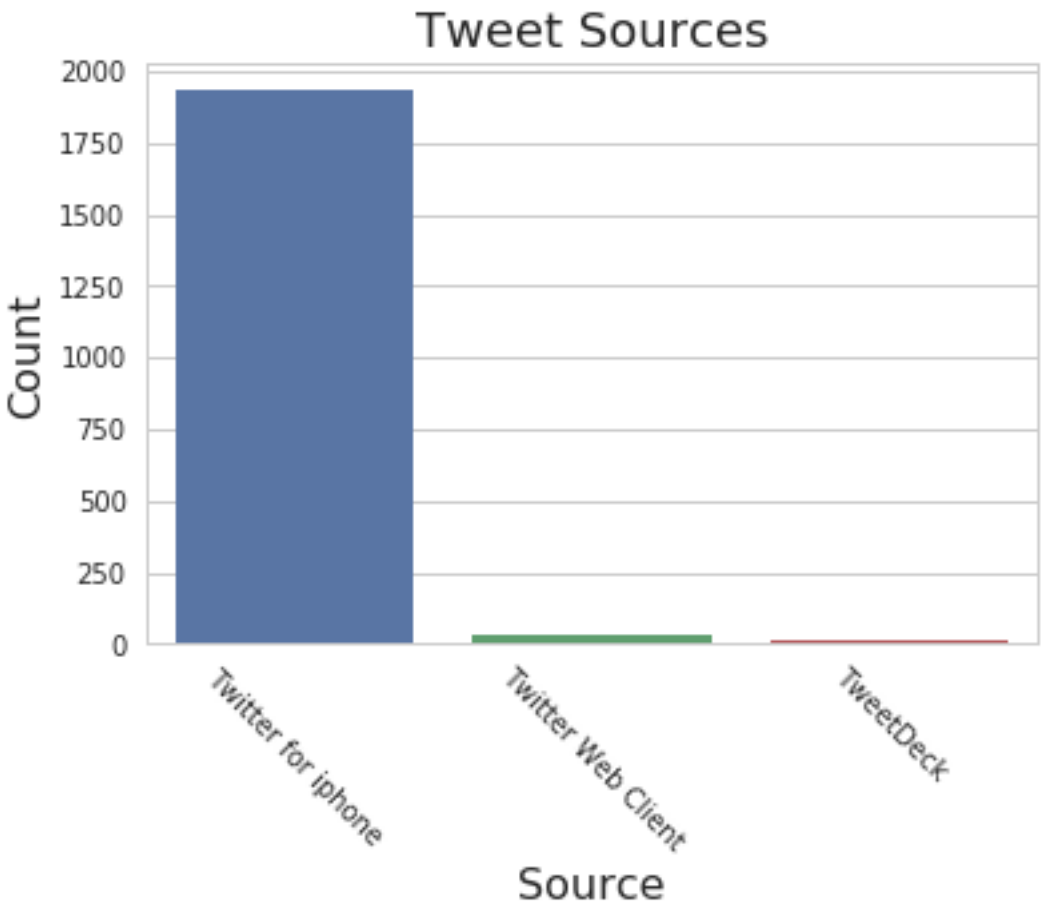


However in terms of average favorite counts it was found that the highest is for the puppo-Dogo classification



2. Source of Tweets

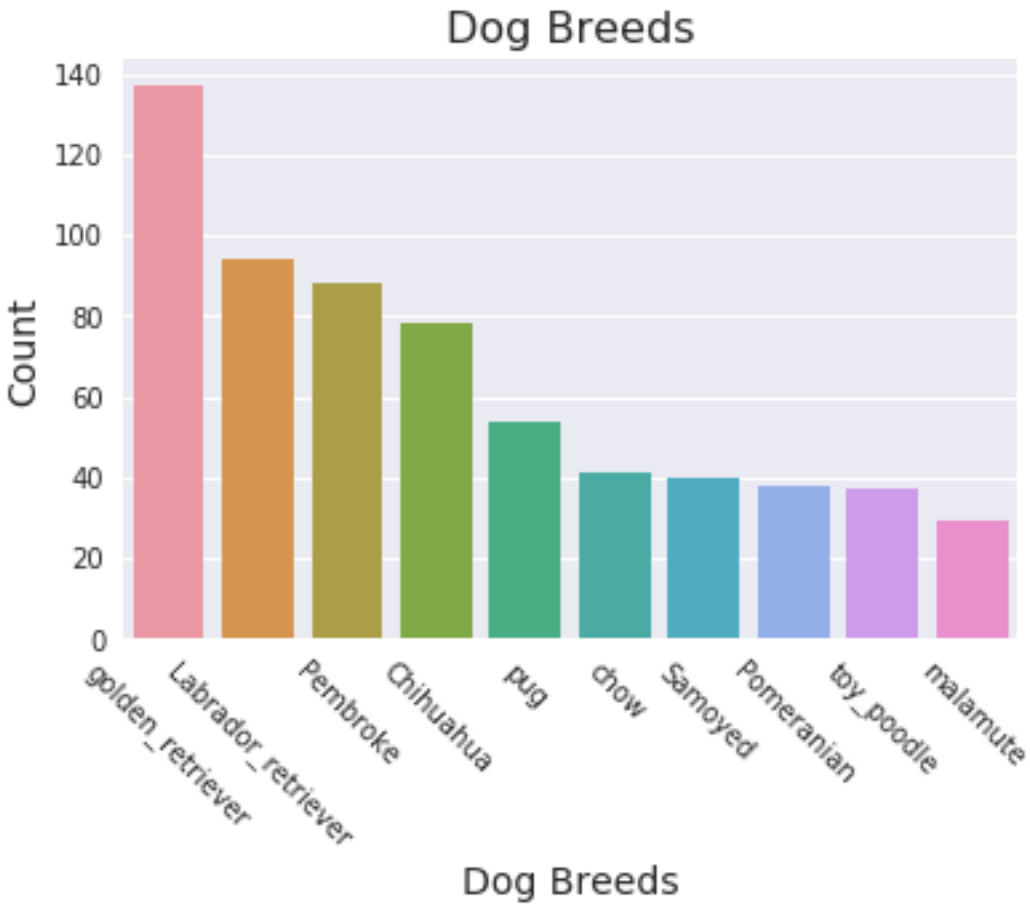
   The investigation shows that 94% of the tweets was done from twitter application on Iphone

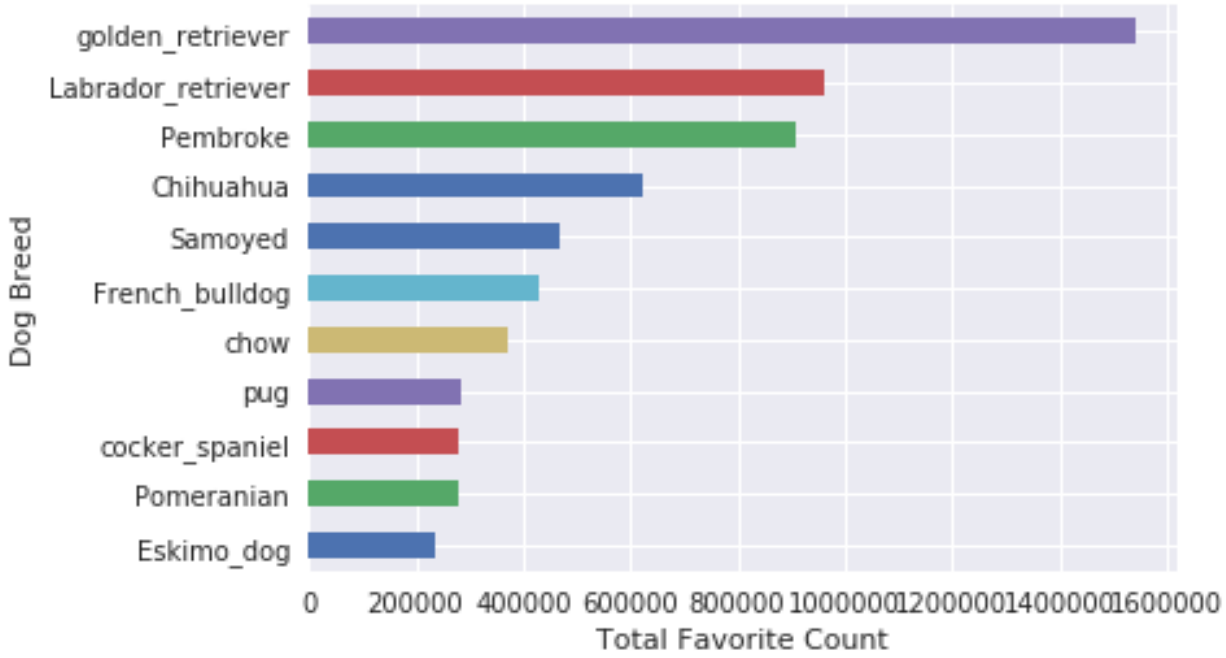


3. Dog Breeds

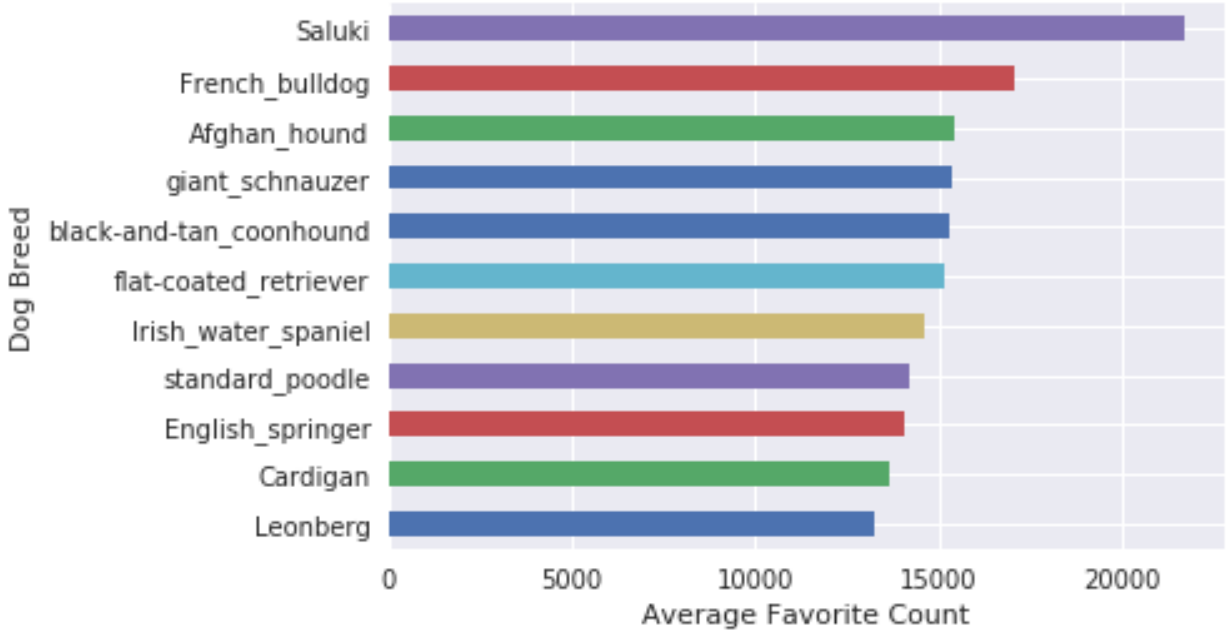
   I depends on the first prediction with the highest probability compared to the second and third prediction which I neglected from the analysis and I also excluded the records which is not classified as dog pictures. Golden is the most common dog breed in the tweets with a number of 137 yet it is also the highest in terms of the total number of favorite counts. After that come along

with Labrador Retriever, Pembroke, Chihuahua and Pugs complete the top 5 common dog breeds in the data.



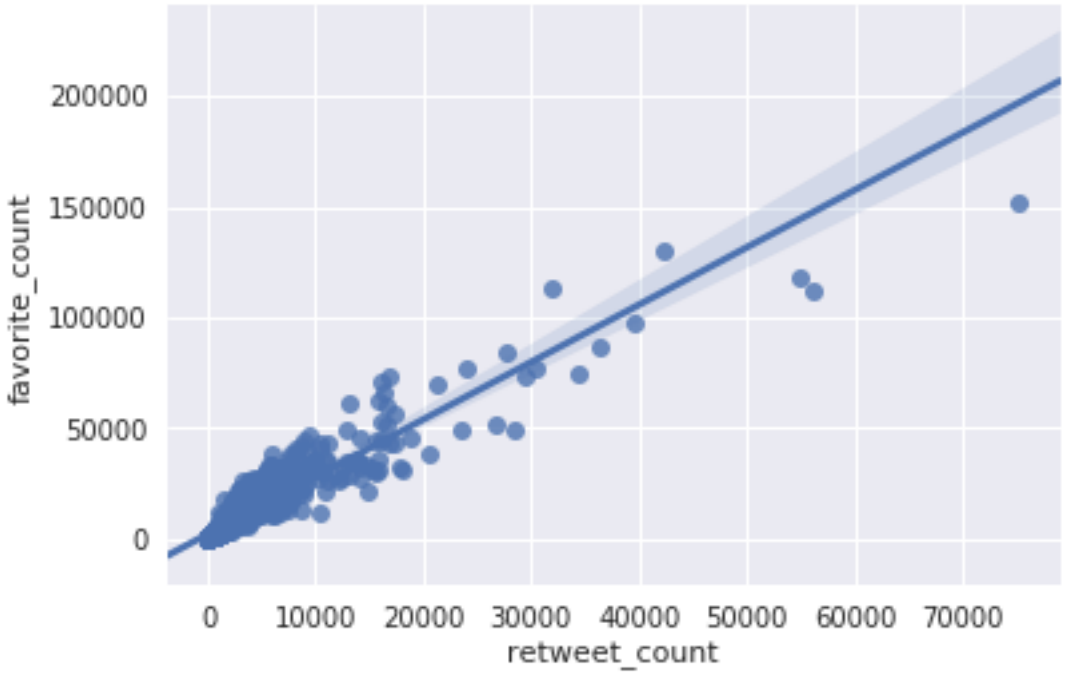


However although Golden retriever has the highest total favorite count yet the “Saluki” breed has the highest average favorite count

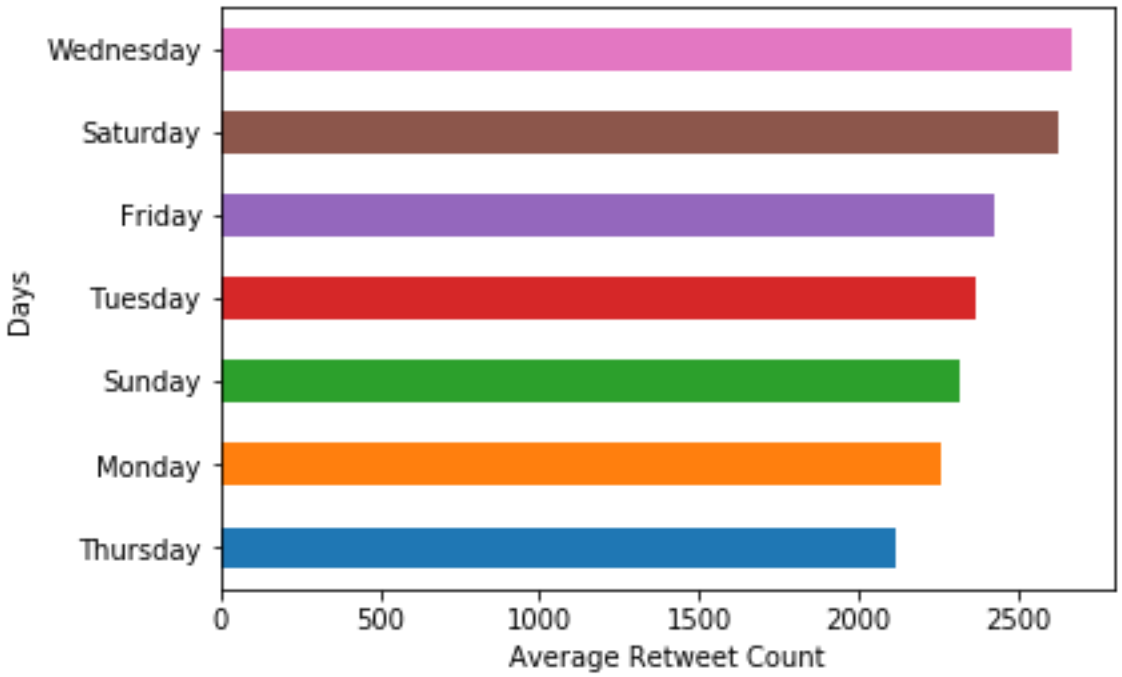


4. Relationship between Favorite and Retweet actions

There is positive correlation between retweet and favorite actions, is expected as people will favorite what they retweet or the other way around.



5. Highest day for favorites count
   Investigating the dataset it was found that Wednesday has the highest average favorite count


Wednesday
Saturday
Friday
Tuesday
Sunday
Monday
Thursday
Days
0
500
1000
1500
2000
2500
Average Retweet Count