

ANALYSIS REPORT

Description: The popular twitter account WeRateDogs with the username @dog_rates with over 4m followers on twitter downloaded their Twitter archive and sent it to Udacity via email exclusively to be used in this project. The archive contains basic tweet data (tweet ID, timestamp, text, etc.) not later than August 1, 2017.

After Wrangling the data, insights are extracted from the data with the help of data analysis and visualization.

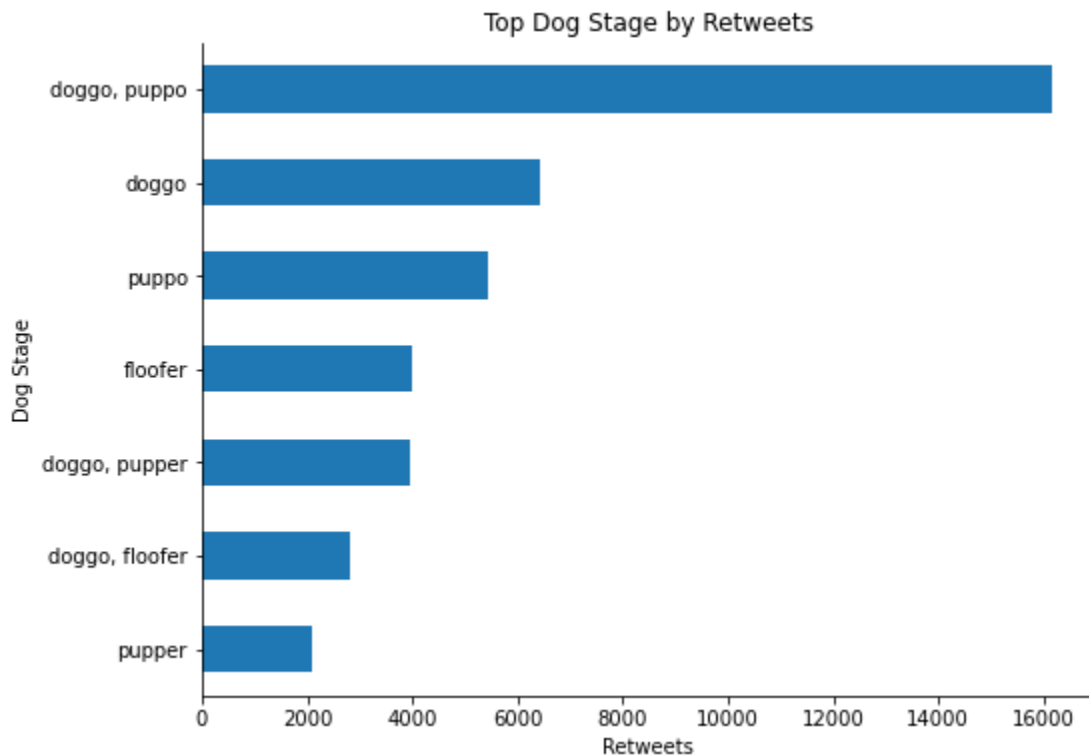


Fig. 1: Most Retweeted Dog Stages

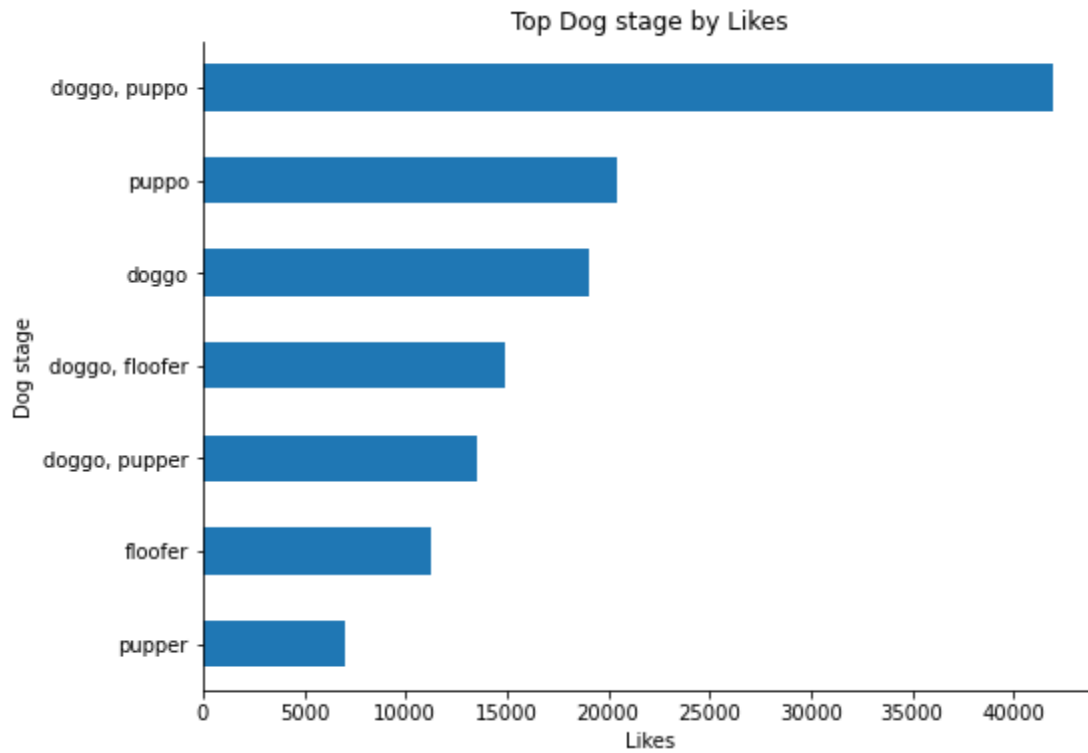


Fig. 2: Most Likes Dog stages

From Fig 1 and 2 People's likes and retweets indicate that combination of puppo and doggo are the most liked and retweeted dogs.

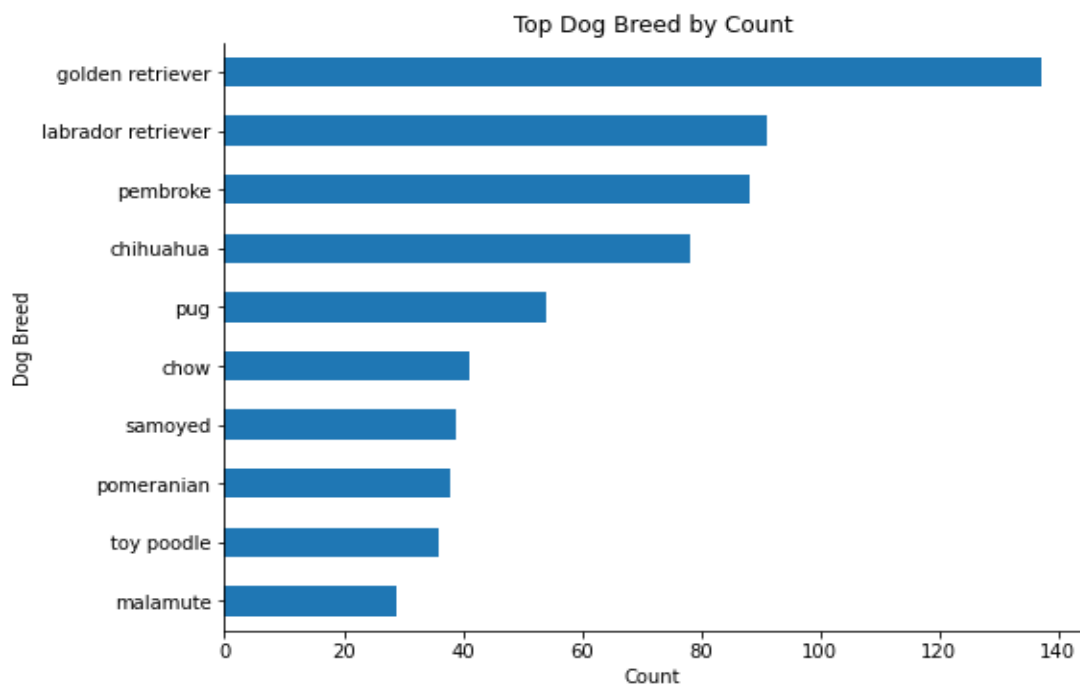


Fig 3: Most Dog Breed Tweeted

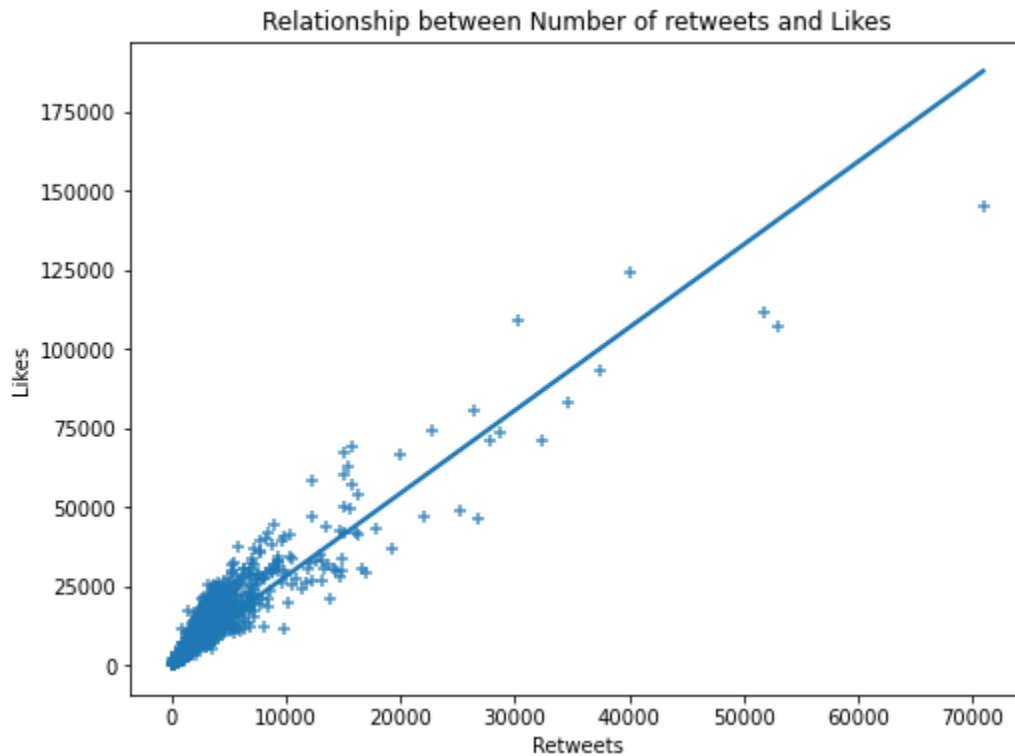


Fig 4: Strong Relationship between Likes and Retweets

Most of the dogs tweeted are 'golden retriever' breeds as predicted by a Neural Network developed by the WeRateDogs Company in Fig 3. A strong relationship is seen between retweets and likes as expected in Fig 4. Last but not the least,

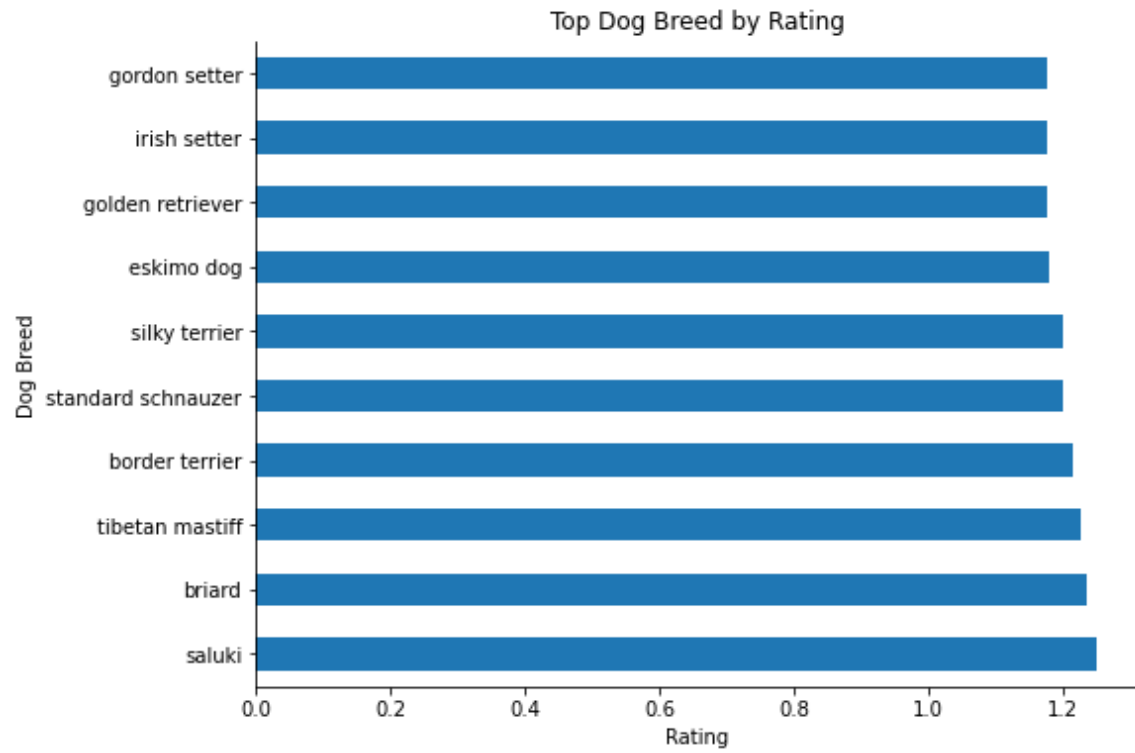


Fig. 5: Most rated Dog breeds

The dog breed Saluki is the one with the most average ratings as seen in Figure 5.