

[Sept 15<sup>th</sup> 2020]

# Act report by Amira Saad

## Objective

Communicating the insights and displaying the visualization(s) produced from the wrangled data from the twitter archive file, the image prediction file and twitter JSON file.

## Overview of the WeRateDogs:

**WeRateDogs** is a Twitter account that rates people's dogs with a humorous comment about the dog. The account was started in 2015 by college student **Matt Nelson**, and has received international media attention both for its popularity and for the attention drawn to social media .it has now over 8 million followers on Twitter.

And when it took off, Nelson launched an online store selling apparel—shirts, hats, mugs—that says things such as, “I miss my dog,” “They’re good dogs, Brent,” and “No shame in doin’ a snooze.” (Can we get five of each, please?)

He also uses his platform to help dogs in need.

“WeRateDogs has evolved into a powerful online community based on a genuine love of dogs,” says Nelson. “We’ve tapped into that by sharing individual GoFundMe stories to help those pups get the medical help they need.” Currently, this charity work occurs solely via Twitter. In the future, he’ll house it on the WeRateDogs website.



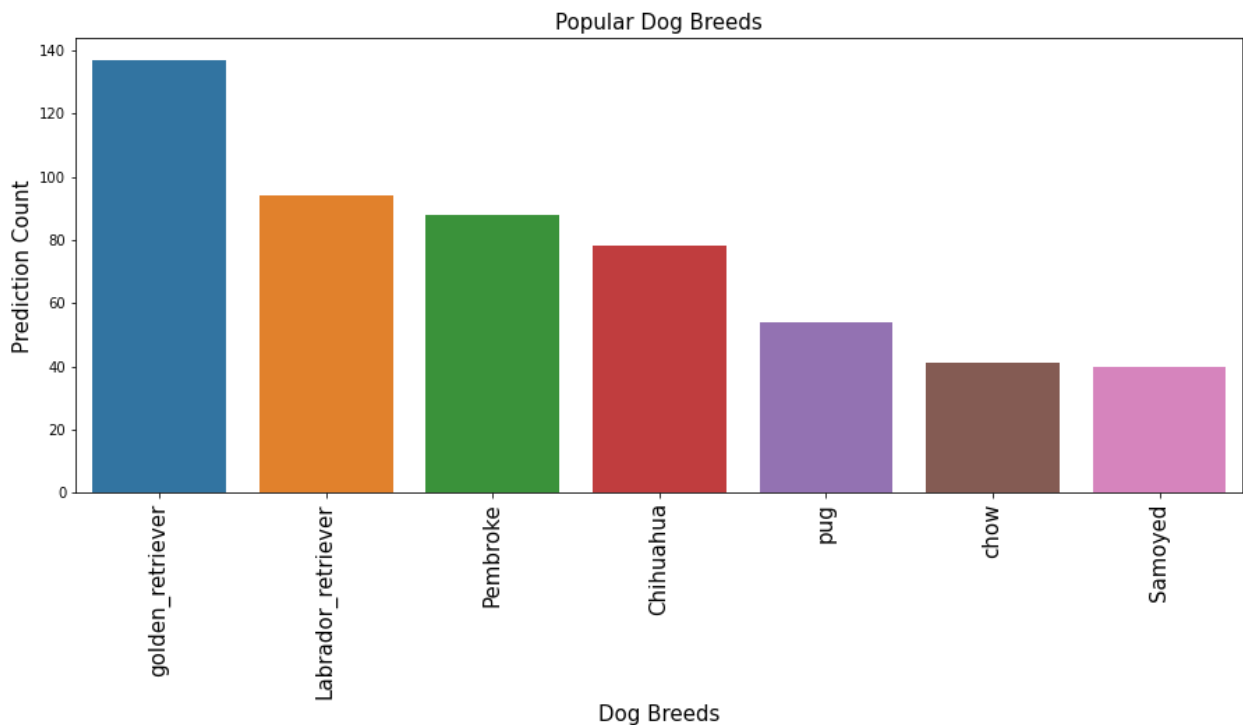
## Tools used for visualization:

Matplotlib & seaborn were used to plot visuals and discover some insights about the data which were wrangled.

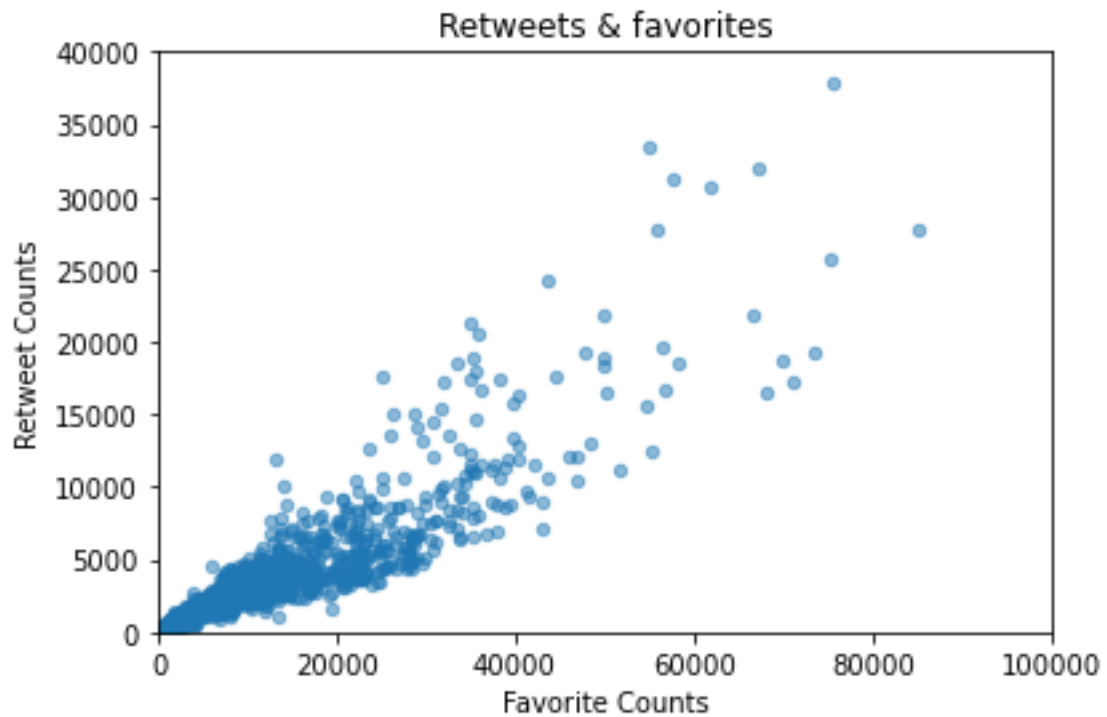
## Insights and conclusion:

- 1- Most tweets and pics are sent from iPhone.
- 2- Most popular and highly tweeted dog breed image is the **Golden retriever**.
- 3- Top five dog breeds on this account and had the most tweets were:

Dog Breed	Image prediction count
golden_retriever	137
Labrador_retriever	94
Pembroke	88
Chihuahua	78
pug	54



- 4- Examining the interactions on the tweets a positive correlation was found between retweet counts and favorite counts noted.



- 5- Most tweeted dog stage is Pupper.

