

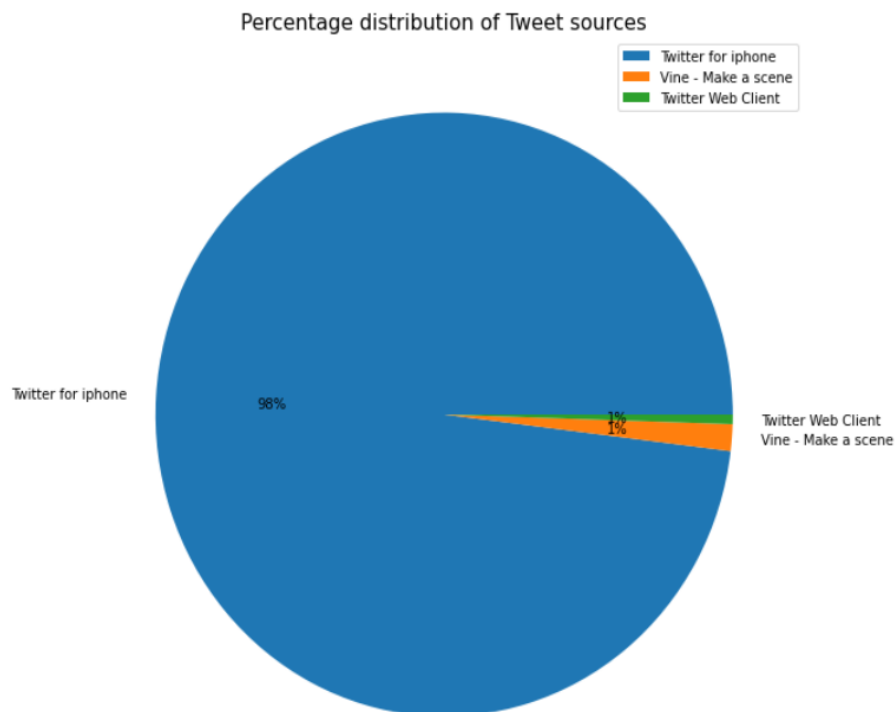
ACT REPORT

In this phase I picked out three insights from the data, then proceeded to visualize them using matplotlib and the word cloud library

Listed below are the questions I tried to answer:

- I wanted to know the tweet source mostly used by [WeRateDogs](#)
- Most populous tweet, i.e. the tweet with the highest like and retweets
- Popular Dog breed predictions from the predictions dataset, to get an idea about which breeds are mostly talked.

Question 1: we use a pie chart to visualize the percentage distribution of tweet sources:



Insight 1: and we find that the most common tweet source by a mile is “Twitter for iphone” meaning the tweets from an iphone 98% of the time, and the other tweet sources posing 1% each.

Question 2: For the second question we use the “max()” function from the numpy library to generate the tweet with the highest likes and retweets.

Insight 2: Unsurprisingly the tweet with the highest retweet also doubles as the tweet with the highest likes.

Tweet_id: 744234799360020481

Retweet_count: 70,474

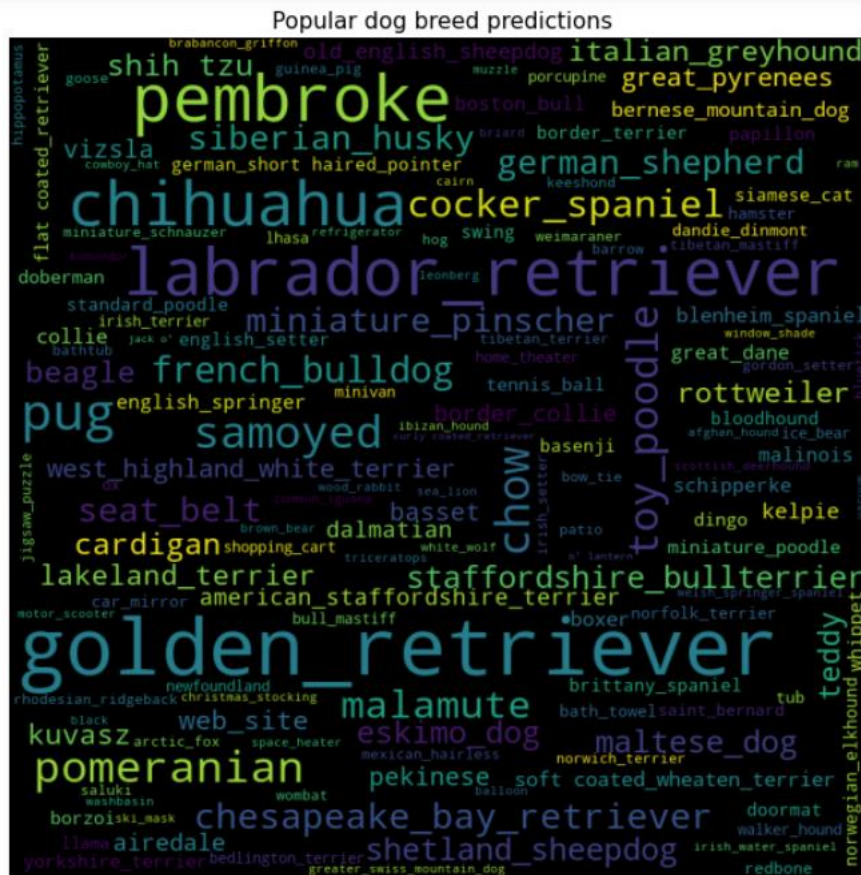
Favorite_count: 144,484

I have also gone ahead to include a snapshot of the tweet as captured on twitter below.



Doggo really living the life. 🐶 🐶

Question 3: For the third question we used wordcloud to visualize the frequency with which each dog breed appeared in the predictions list to gain insight as to which breed is mostly popular.



Insight 3: Drawing inference from the visual above “Golden_retriever”, “Labrador_retriever”, ”Pembroke” and “Chihuahua” happens to be the most popular breeds tweeted about.

Question 4: For the fourth and final question we use also used the “max()” function from the numpy library to generate the tweet with the highest numerator/rating.

Insight 4: A dog named Atticus happened to be the dog that enjoyed the highest rating ever, why that?

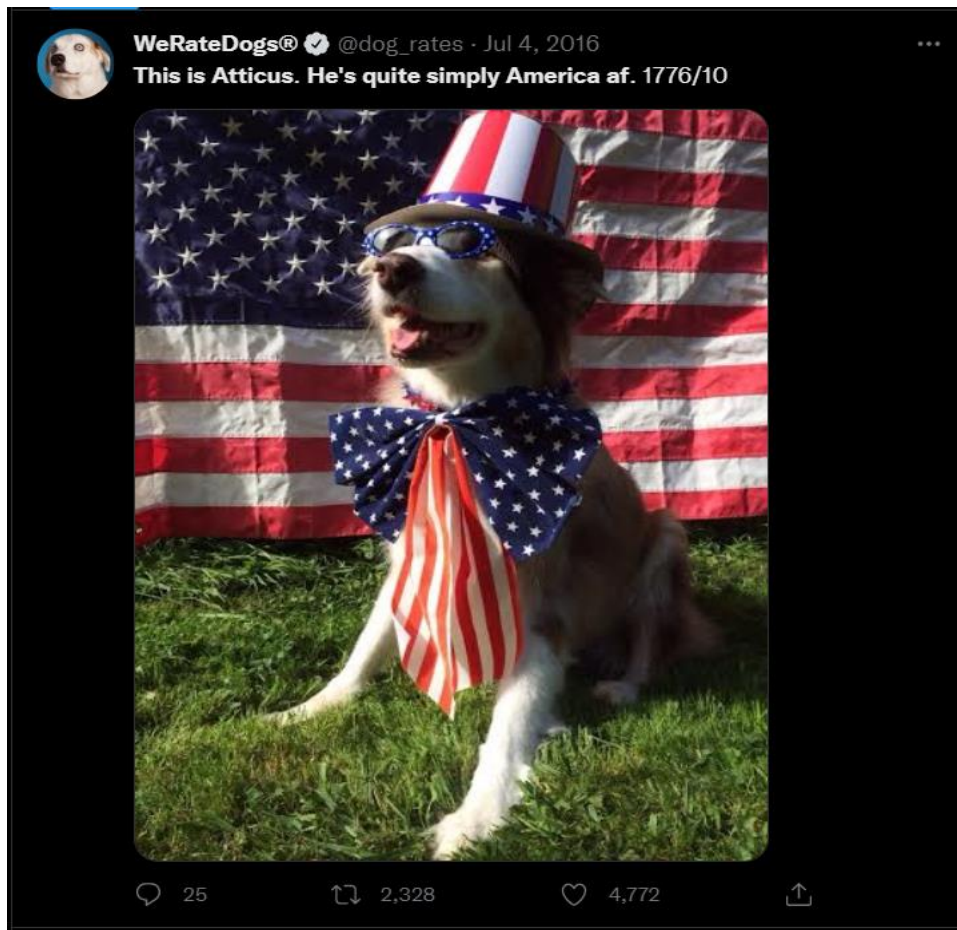
It must be interesting to see what he/she looks like.

Rating: 1776/10

Tweet_id: 749981277374128128

Retweet_count: 2,272

Favorite_count: 4,772



Cool dawg!! 😍😍😍😍 Deserved if you ask me.

Limitations

- Not all tweets contained the dog names, it would have been beautiful to see most of the common names people named their dogs.
- People tweet pictures of other objects/animals at [WeRateDogs](#) asking for ratings, and this tweets are also contained in this data as some of them received ratings nevertheless.