

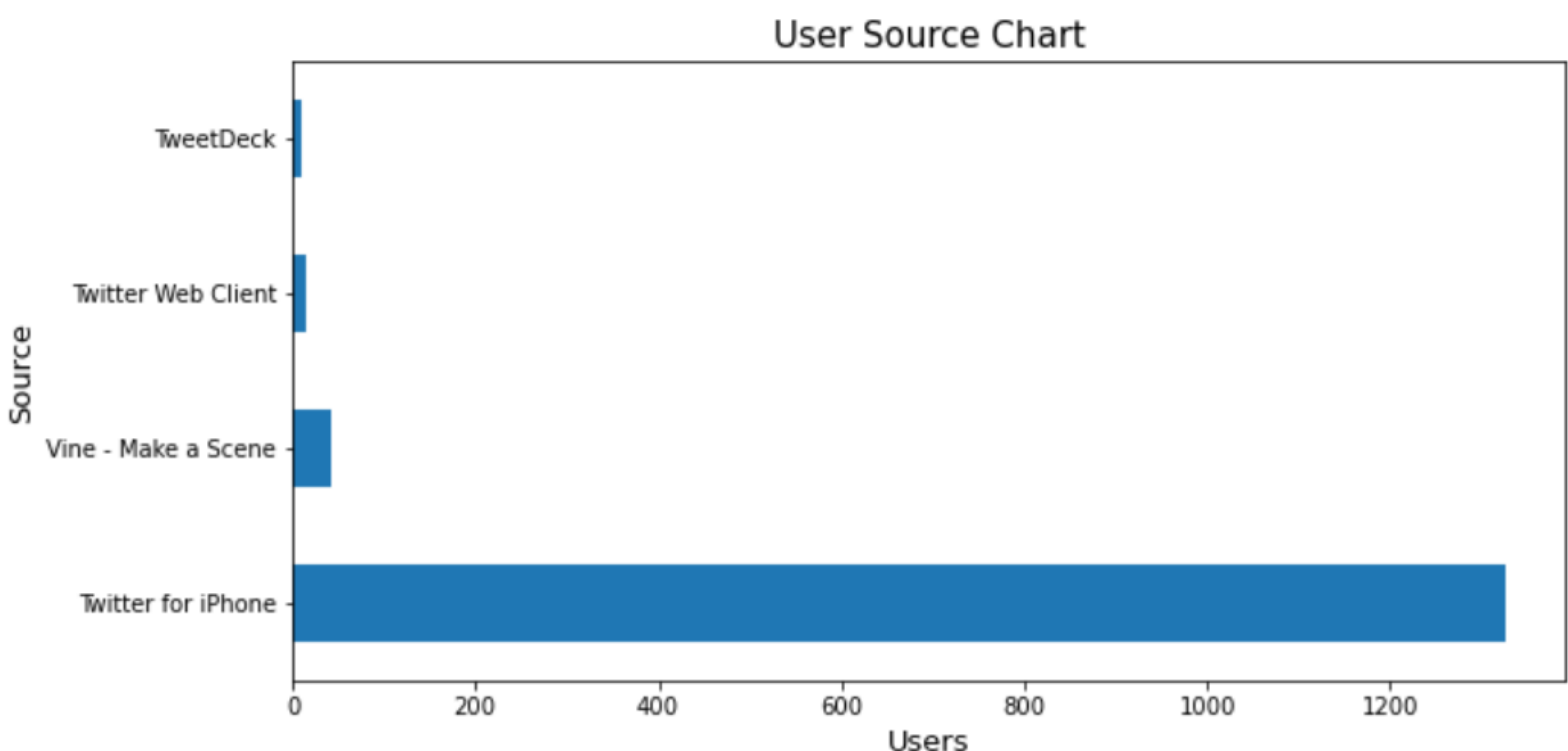
Introduction

The twitter user account of interest is user @dog_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. I gathered data from 3 data sources, cleaned and merged them into one master dataset. The main objective of this project was data wrangling, hence I answered only 3 questions, however more insights could be drawn from the data.

There are 3 questions I chose to answer from this data. These question are as followed;

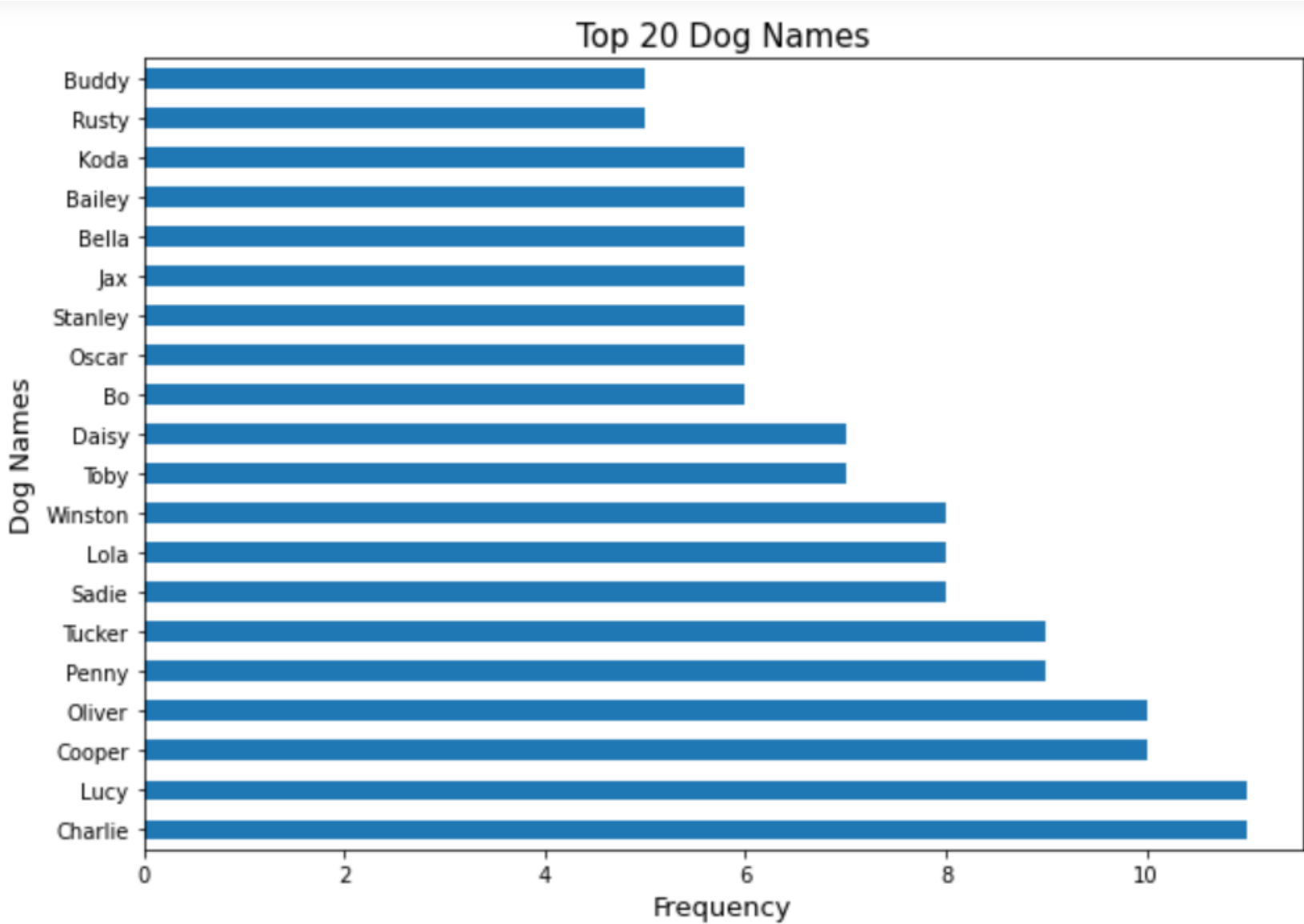
- Which source is most popular?
- What are the top 10 most popular Dog Names?
- Which Dog breeds are liked the most?

Which source is most popular?



From the visualization we can see the most popularly used source used by the users is the tweeter for iphone. followed by vine users, then people who use the web version of twitter and lastly, tweetdeck users. The gap between iphone users and the other source is vast, with over 1300 users, in contrast to the meagre 41 users from vine, 16 users from the web, and 9 from TweetDeck.

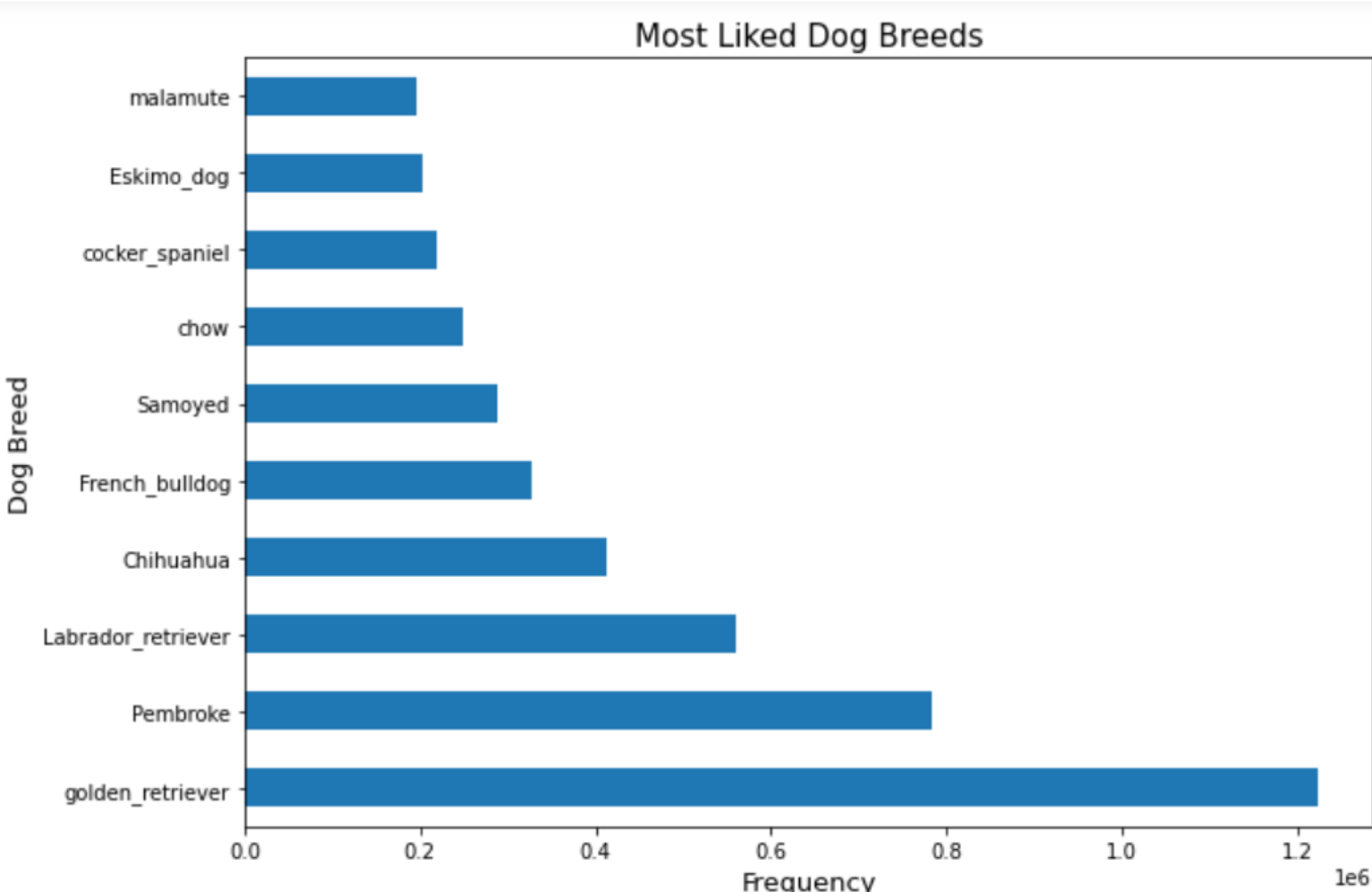
What are the top 20 most popular Dog Names?



From the visualization above we can see the most popular dog names, the top 20 most popular dog names can be seen above. The name 'Charlie' and 'Lucy' compete for the crown as the no 1 most popular name with both having 11 dog named as such, followed by another tie with the names 'Cooper' and 'Oliver' with 10 dogs bearing the names, followed by the respectively rest as seen on the plot above.

Which Dog breeds are liked the most?

There were 3 different rows that hold information about the dog breed based on the 3 different predictions made by the neural network. I chose the 1st one for the purpose of this project, because it has the highest prediction confidence/accuracy that the rest.



I chose to limit the list to the top 10 most liked breeds based on the likes count. Based on that premise, the visualisation above potrays the ranking, as we can see the breed most liked is the Golden Retriever with over 1.2 million likes, followed by Pembroke with over 784k likes, Labrador Retriever with over 559k likes, the Chihuahua with over 411k likes, French Bulldog with over 328k likes, Samoyed with over 288k likes, Chow with over 249k likes, Cocker Spaniel with over 219k likes, Eskimo dog with over 202k likes, and the Malamute taking the last position on this ranking with over 194k likes.

It's fair to say the most popularly liked breed is the golden retriever with over 1.2 million likes, the gap is quite significant... Let's see what the golden retriver looks like



What an adorable dog.

This bring us the conclusion of this report.