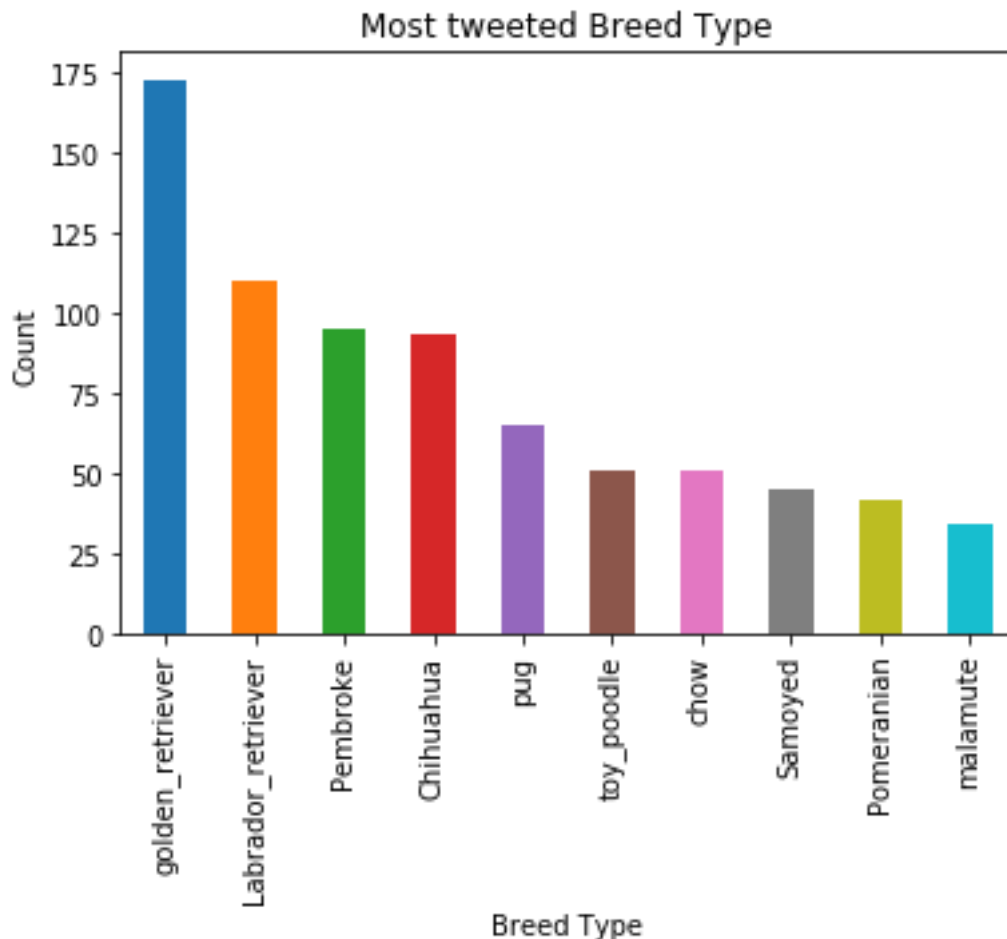


Analysis and Visualization of WeRateDogs

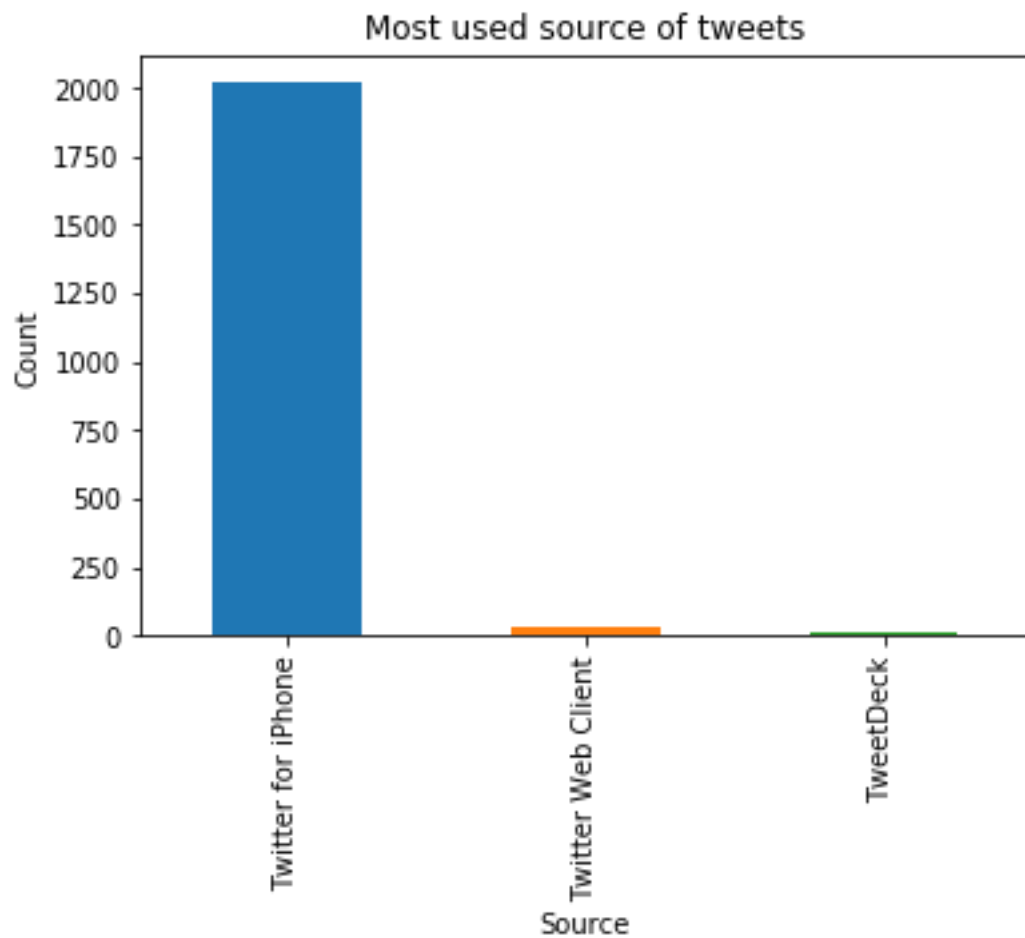
Tweets data

- Finding top 10 most popular dog breed among the tweets



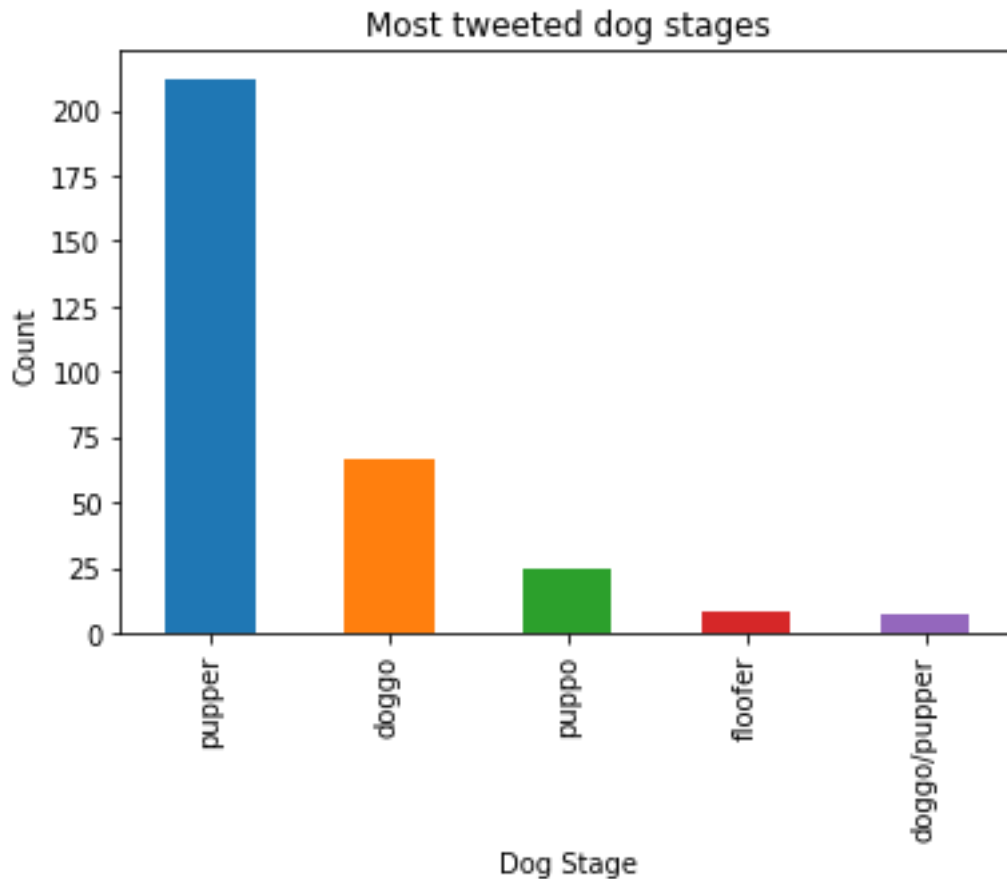
In the above histogram we can clearly see the top 10 dog breeds among the tweets. Golden Retriever and Labrador Retriever tweet counts is more than 100 each.

- Which is the most used source of tweets for WeRateDogs?



Here Twitter for iPhone is clear winner as the source of 2019 tweets out of total 2059 tweets.

- **Most Tweeted Dog stages**



Although we have dog stages for only 317 tweets but among them the most tweeted dog stage is a Pupper with total 212 tweets which is about 66.87%.

Doggo/Pupper is for the tweets with both doggo and puppo in it.

- **How does average rating, Prediction Confidence, Favourite Counts and Retweet Counts vary among various top Breed Type?**

For this analysis I used groupby on breed_type and filtered out breed whose value count exceeds 30 i.e. total 13 types of breed of dogs were taken in account for the above analysis and following were the findings –

1. Samoyed has the best average rating of 1.176 out of 1 and Golden Retriever is second with average rating of 1.165 out of 1.

2. Samoyed has best average Prediction Confidence of 0.696 and second best is of Pomeranian with average Prediction Confidence of 0.686
3. French Bulldog has a very high average favourite count compared to other breeds.
4. French Bulldog has best average retweet count of 4795.967 and is close second with average retweet count of 4635.244

- **Conclusion –**

Although I made various analysis on the data but for good predictions and analysis more data is required as after cleaning the useful data was too less to conclude something meaningful .