

Wrangle and Analyze Data

Act_report

Kolawole Ayoko
18th January, 2023



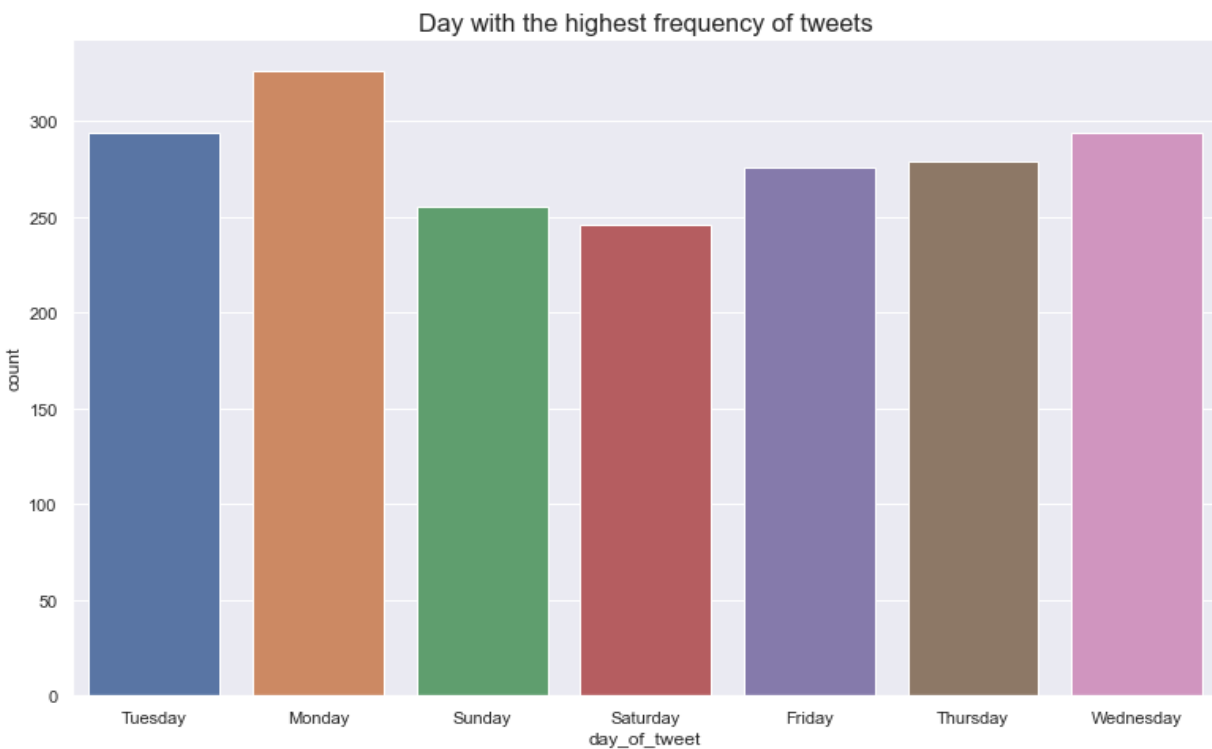
Introduction

1. Insights
2. Visualisation

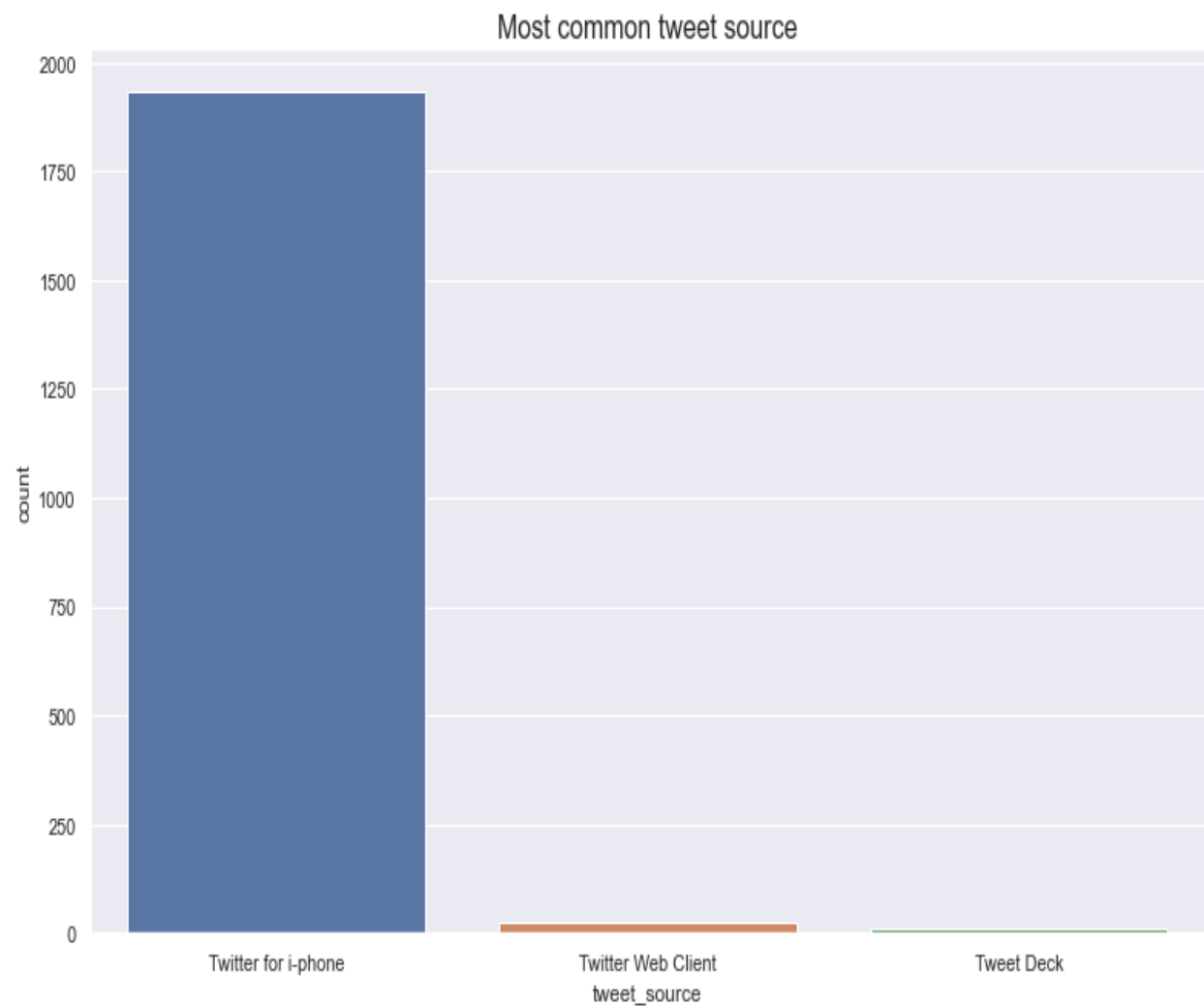
INSIGHTS

- Month with the highest frequency of tweets
- Most Common day for tweeting
- Checking the distribution for the tweet source
- Checking the distribution for the dog stage
- Distribution for tweet year
- Distribution for dog breeds
- Most Liked and retweeted dog breeds based on favourite and retweet counts

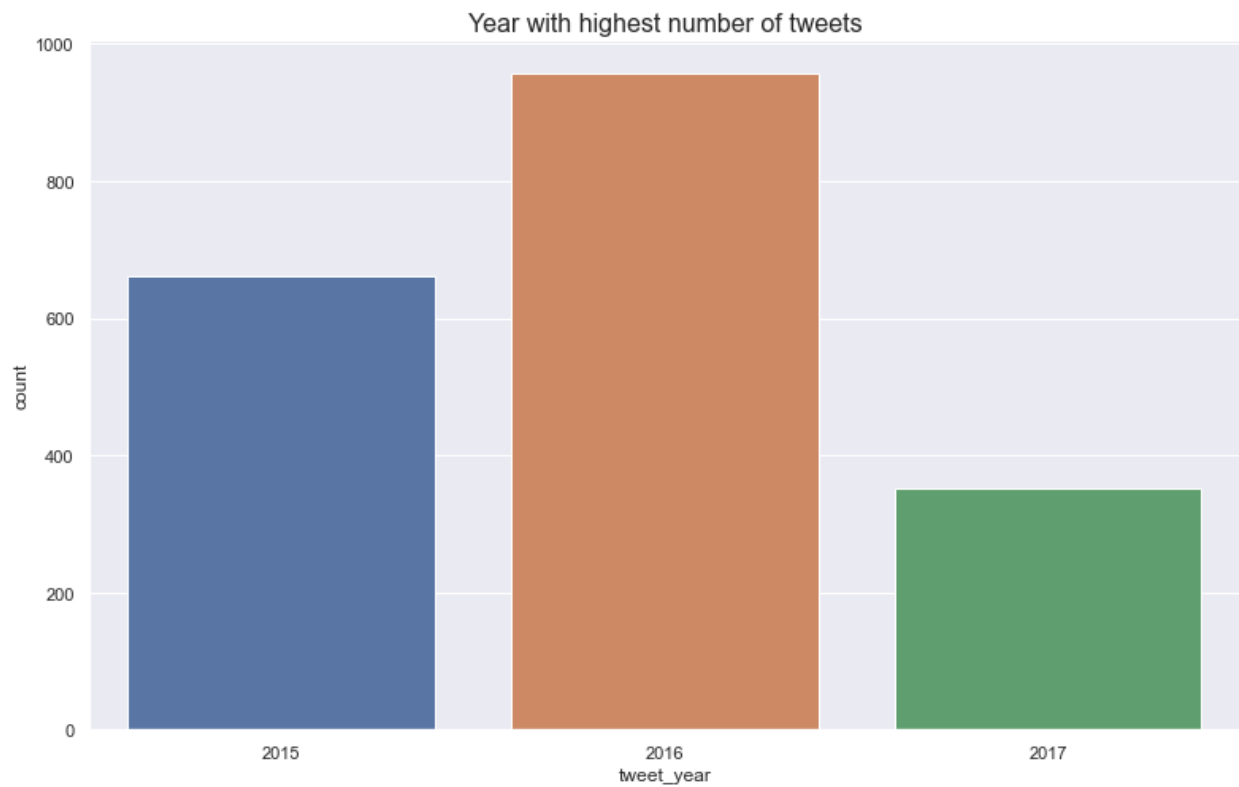
VISUALIZATION



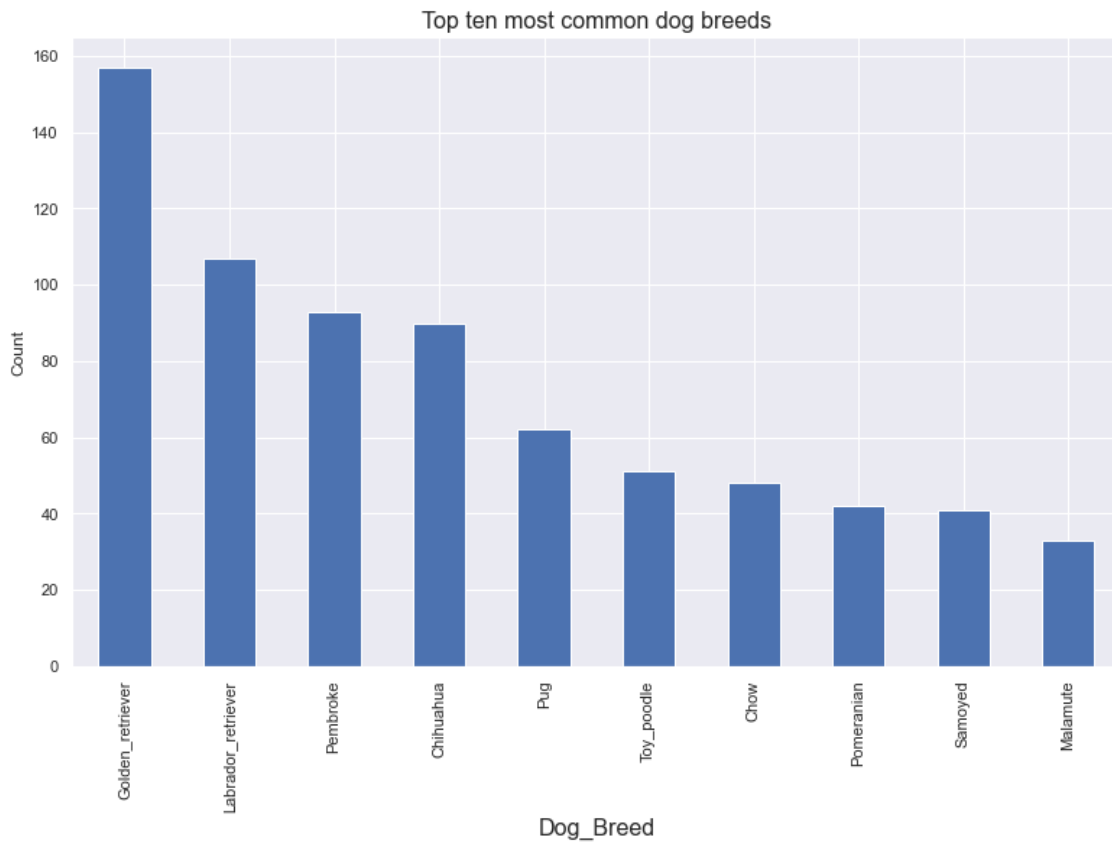
From the visualisation shown above, the most common day for tweets is monday and that is understandable because it is the first day of the week. The account user probably has time to rate and post tweets based on the work they do(remote) or having free time at work. Tuesdays and wednesdays are the next common days, tweets frequency declines during the weekends.



Users made use of Twitter for i-phone, twitter web client and tweet deck in posting their tweets and from the visualisation above, majority posted from their i-phones with close to 2000 people making use of this medium.



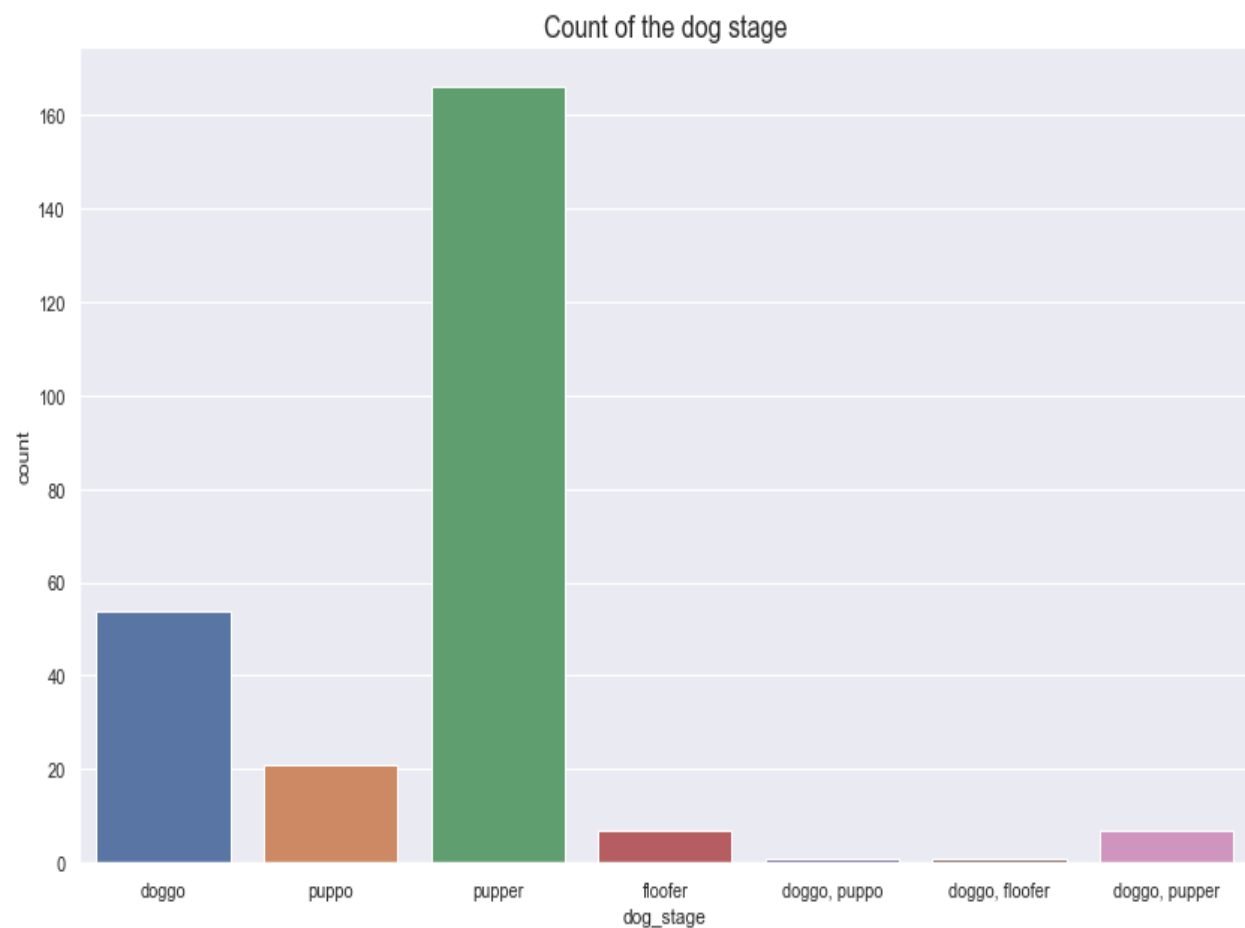
The year 2016 was the most active year in terms of posting as shown in the visualisation above, followed by the previous year 2015.



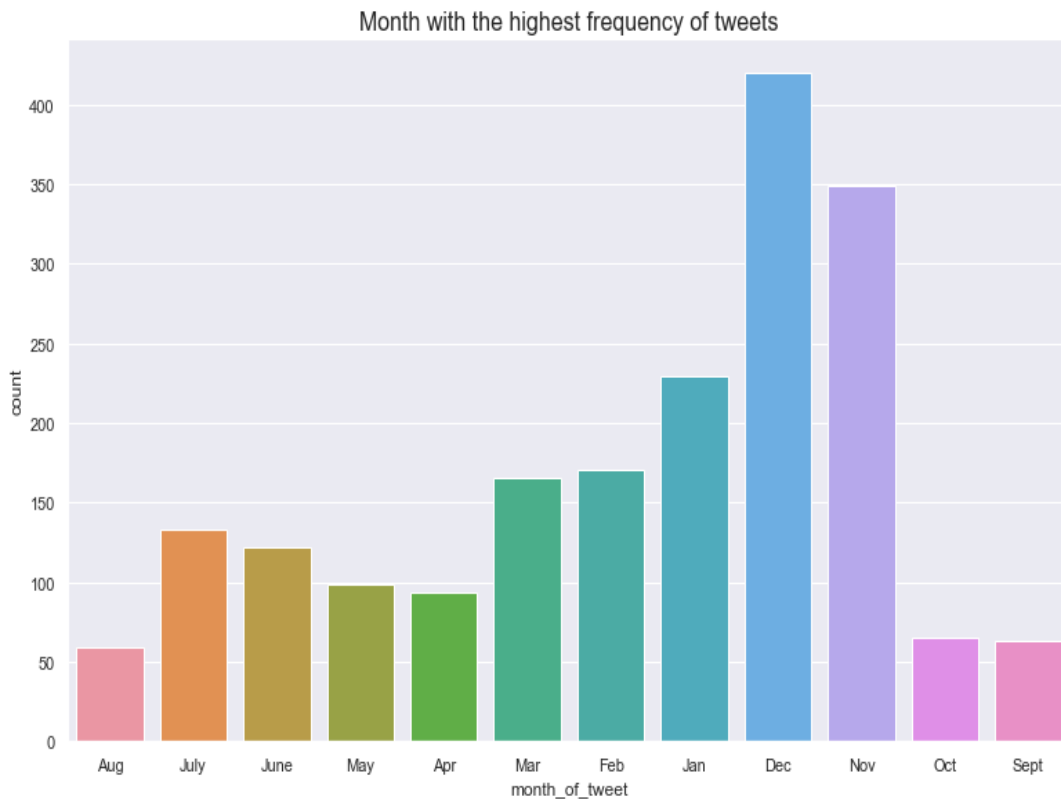
From the visualisation above, the most common dog breeds are the golden retrieval, the labrador retriever, pembroke and the chihuahua. Breeds like samoyed and malamute are not as common as their retriever counterparts.



A Golden Retriever

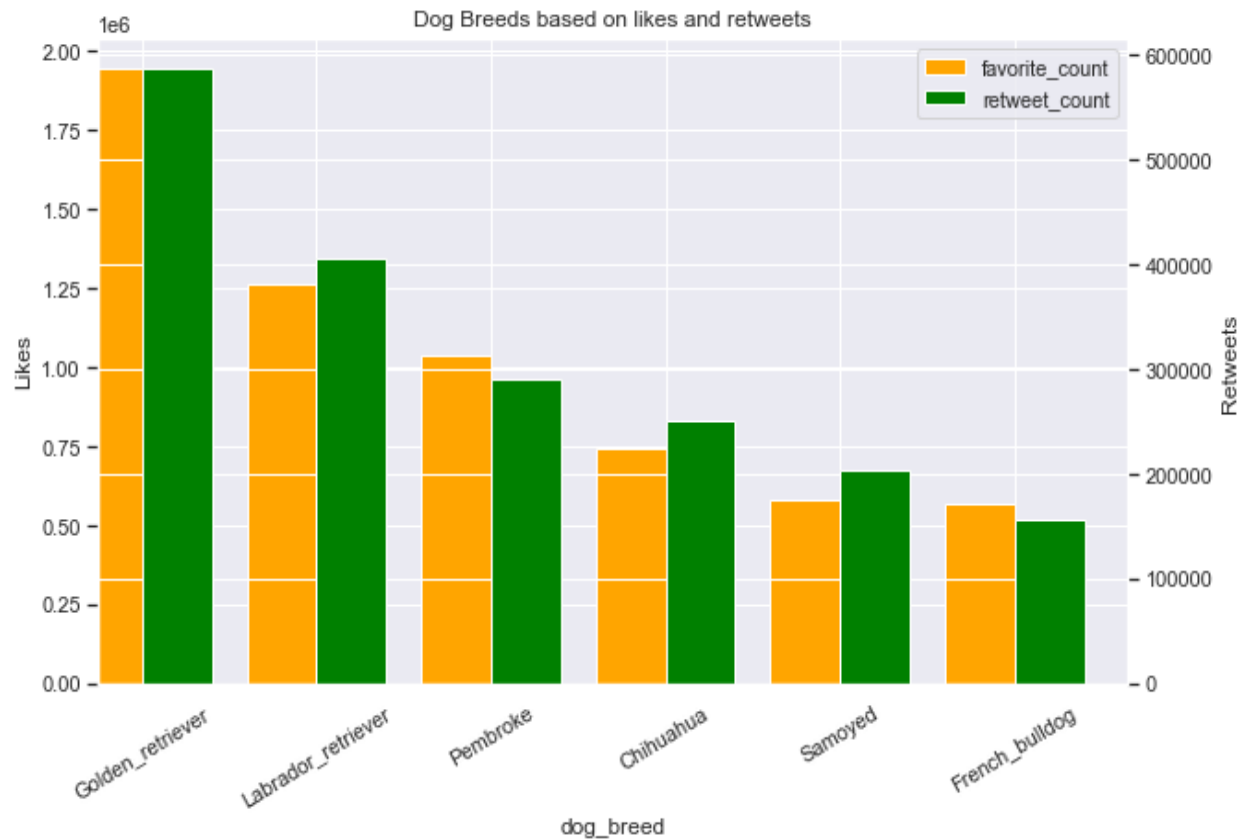


From the visualisation above, Pupper is the most common dog stage, followed by doggo, puppo and floofer respectively. The most common combination of dog stages is doggo and pupper.



There was a hike in the number of tweets towards the end of the year as evident in the plot above. This might be as a result of the festive period as people tend to dress up their dogs and have family time to take pictures during these periods. January, February and March also had significant tweeting activity.





The popularity of the dogs according to tweet engagements (favourite(likes) count and retweet count) showed that the golden retriever and the labrador retriever are ahead of the pack. The french bulldog is the least liked and retweeted image of dogs.



The French Bulldog