

Act Report

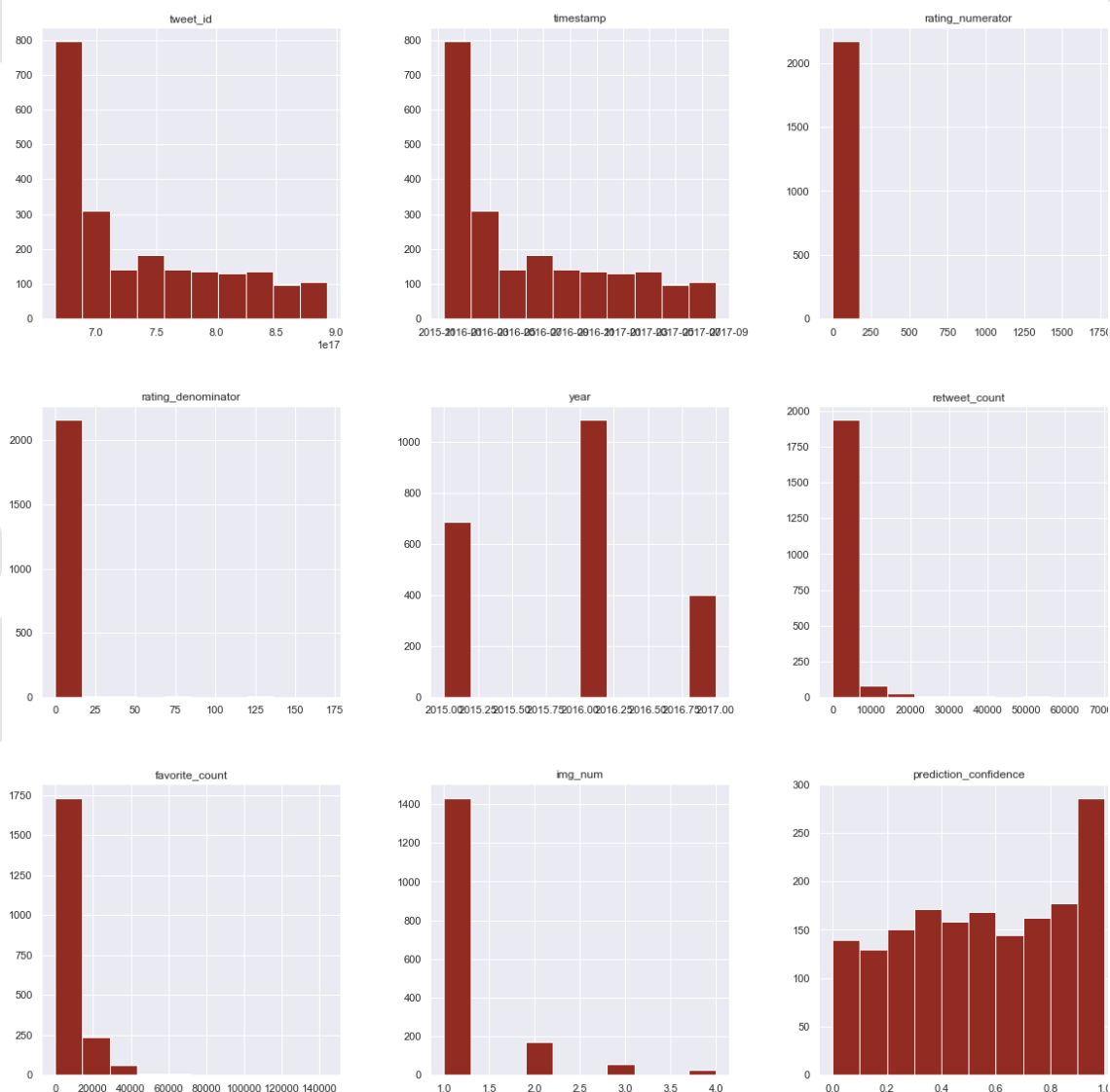
WeRateDogs
Twitter Data



Udacity Project 2
Data Analysis using
Python

Introduction

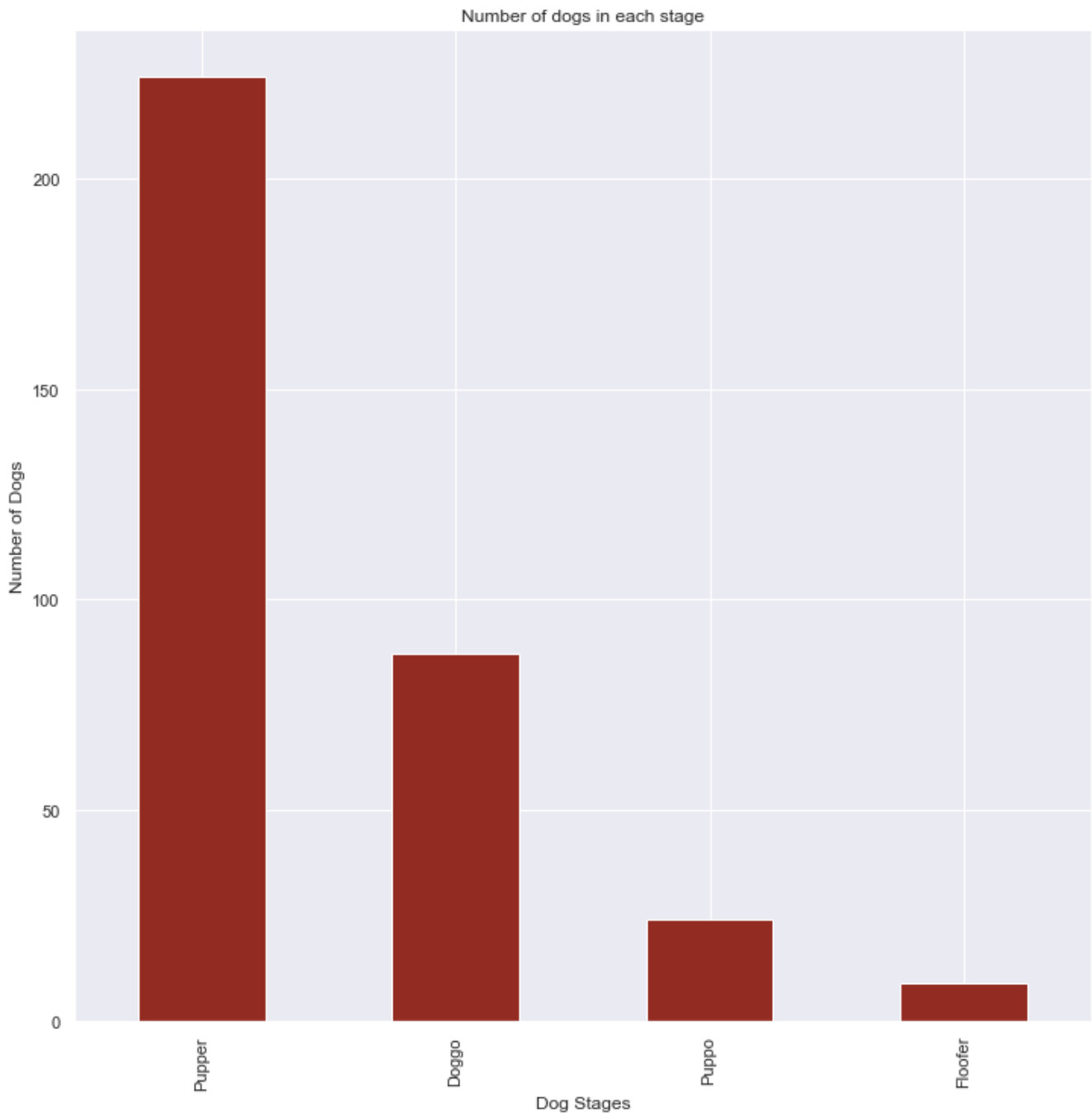
This act report is made up of visualizations and insights drawn from wrangling the WeRateDogs data. Seven (7) insights were drawn from the analysis and Eight(8) visualizations were made



The chart above shows the histogram of all numerical data in the dataset

Most common dog stage

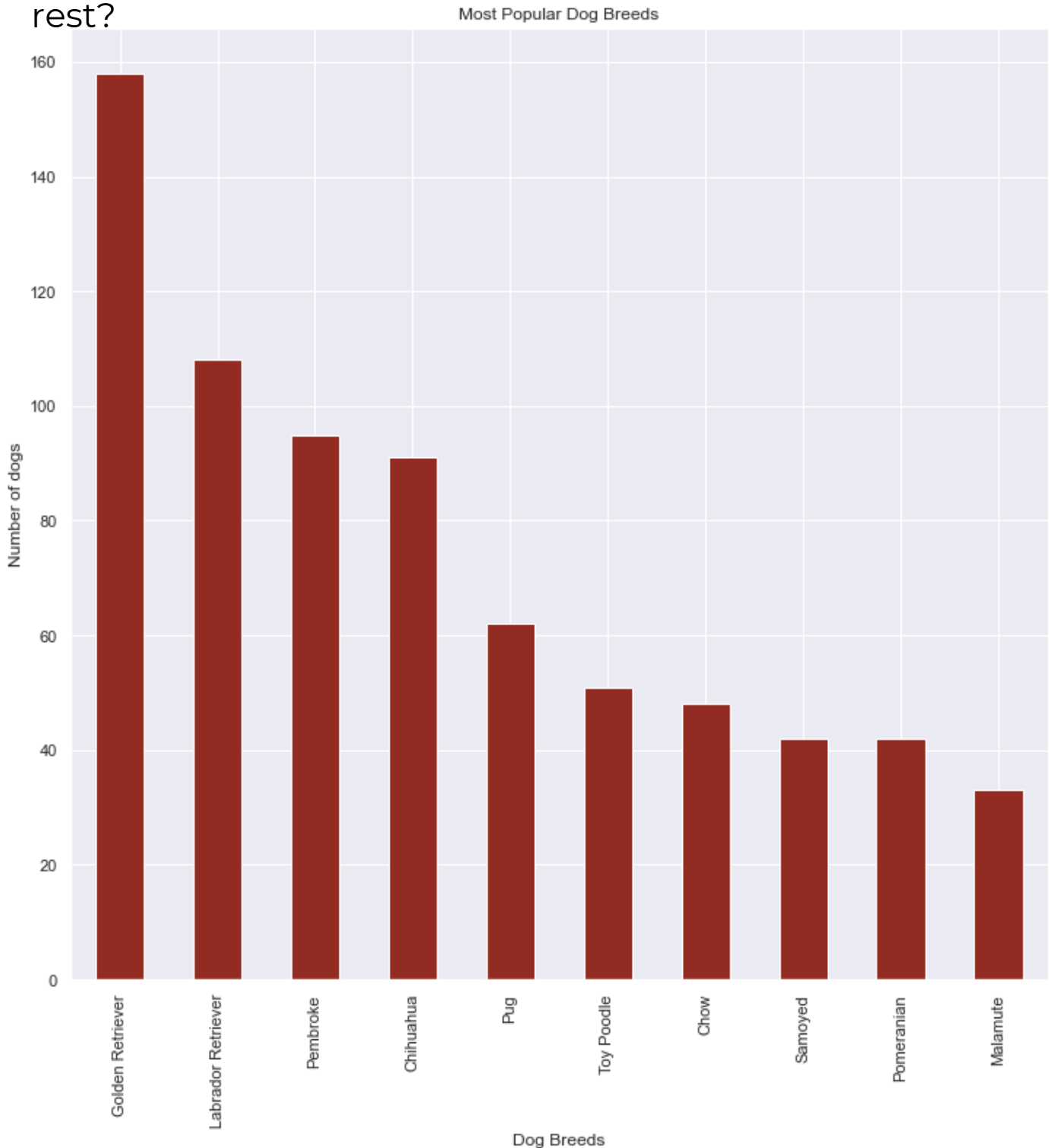
I answered the question, which dog stage has the highest number and how does it relate with the frequency of the rest stages?



The most common dog stage was the Pupper stage followed by the Doggo stage. The amount of dogs in the pupper stage is more than twice the amount of dogs in the doggo stage.

Most popular dog breed

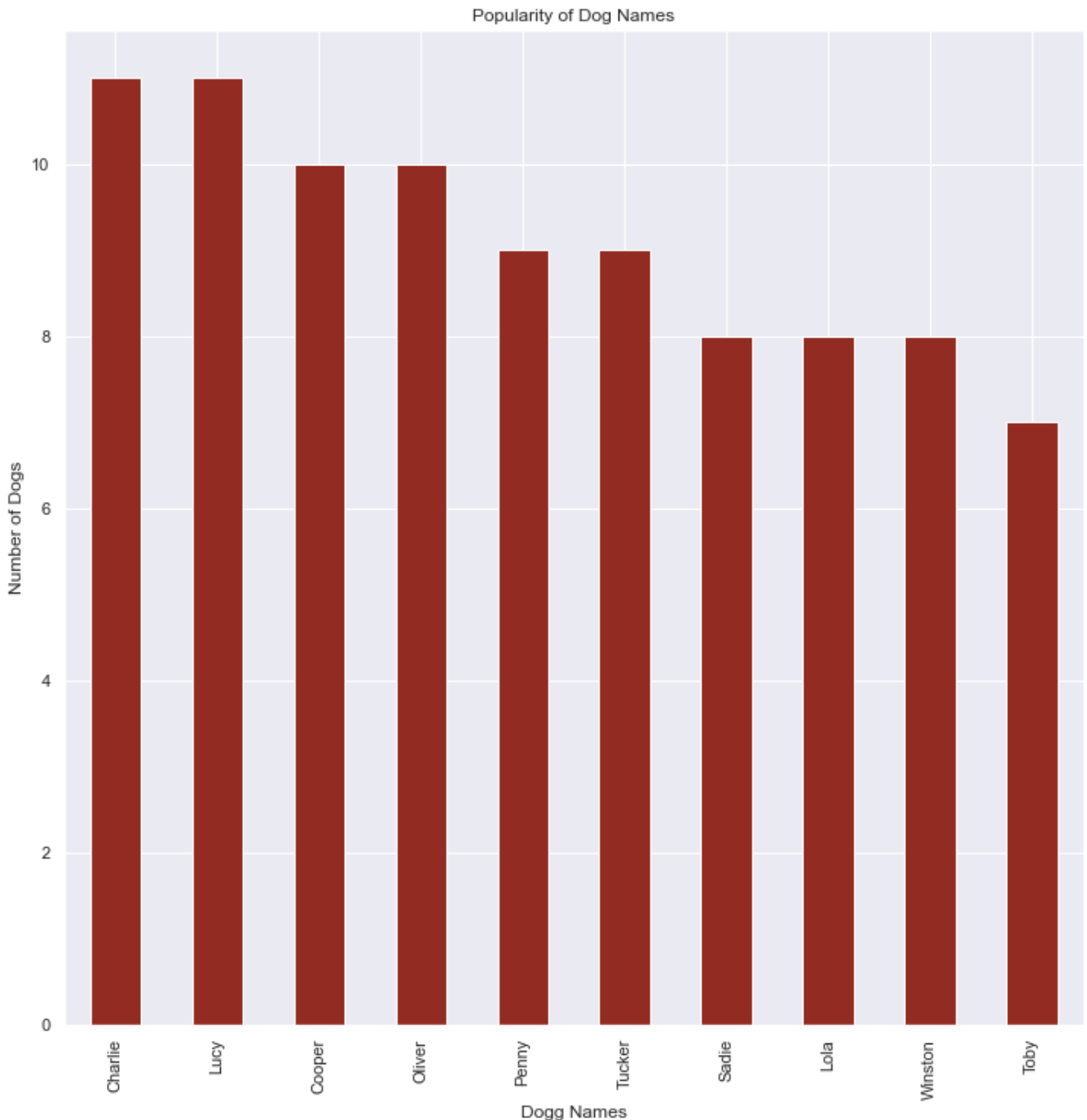
I answered the question, which dog breed has the highest number and how does it relate with the frequency of the rest?



The most common dog breed was Golden Retriever followed by Labrador Retriever

Popular dog names

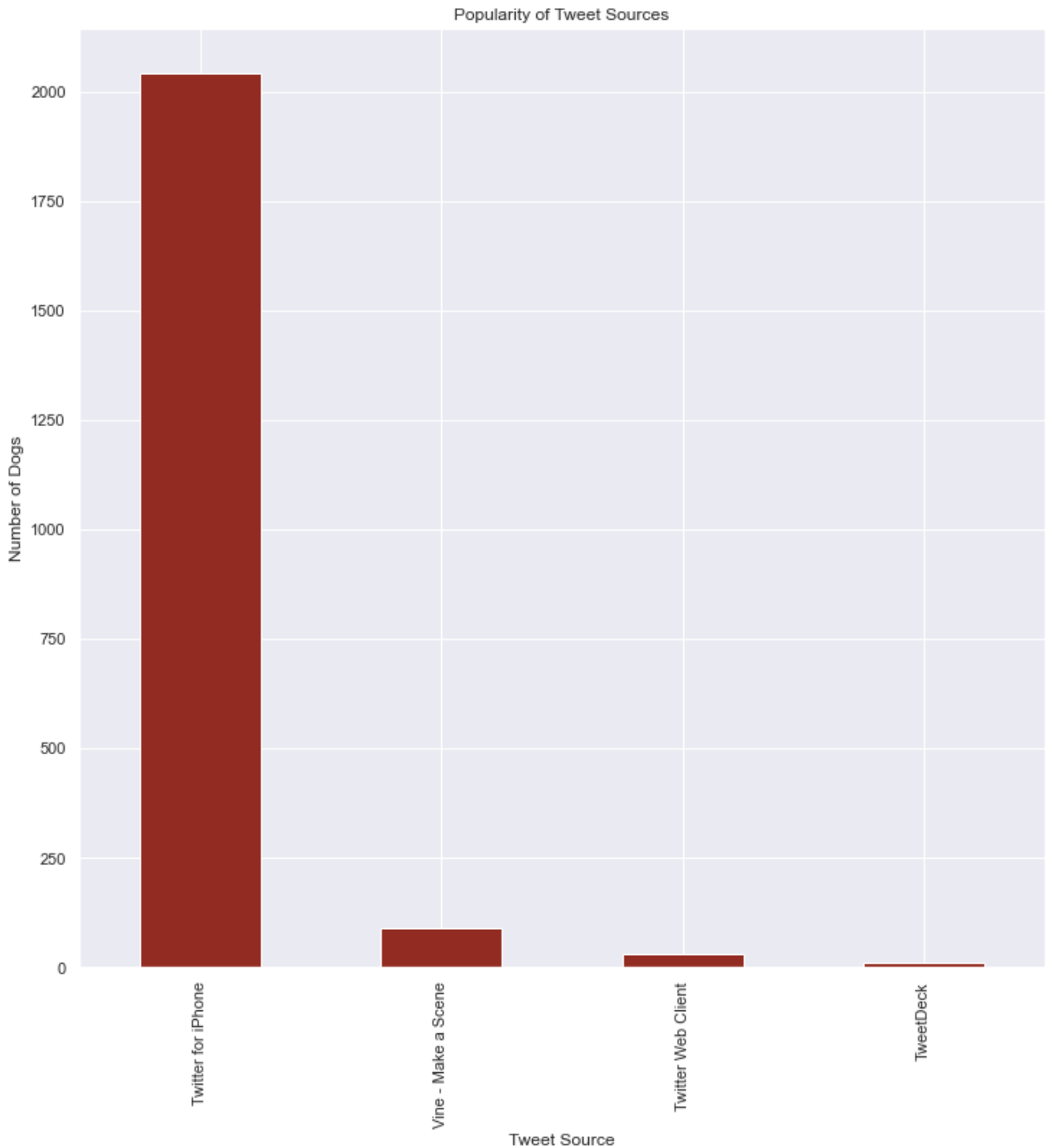
I answered the question, which dog names were the most commonly used?



The most common dog name was Charlie and Lucy, followed by Cooper

Tweet Sources

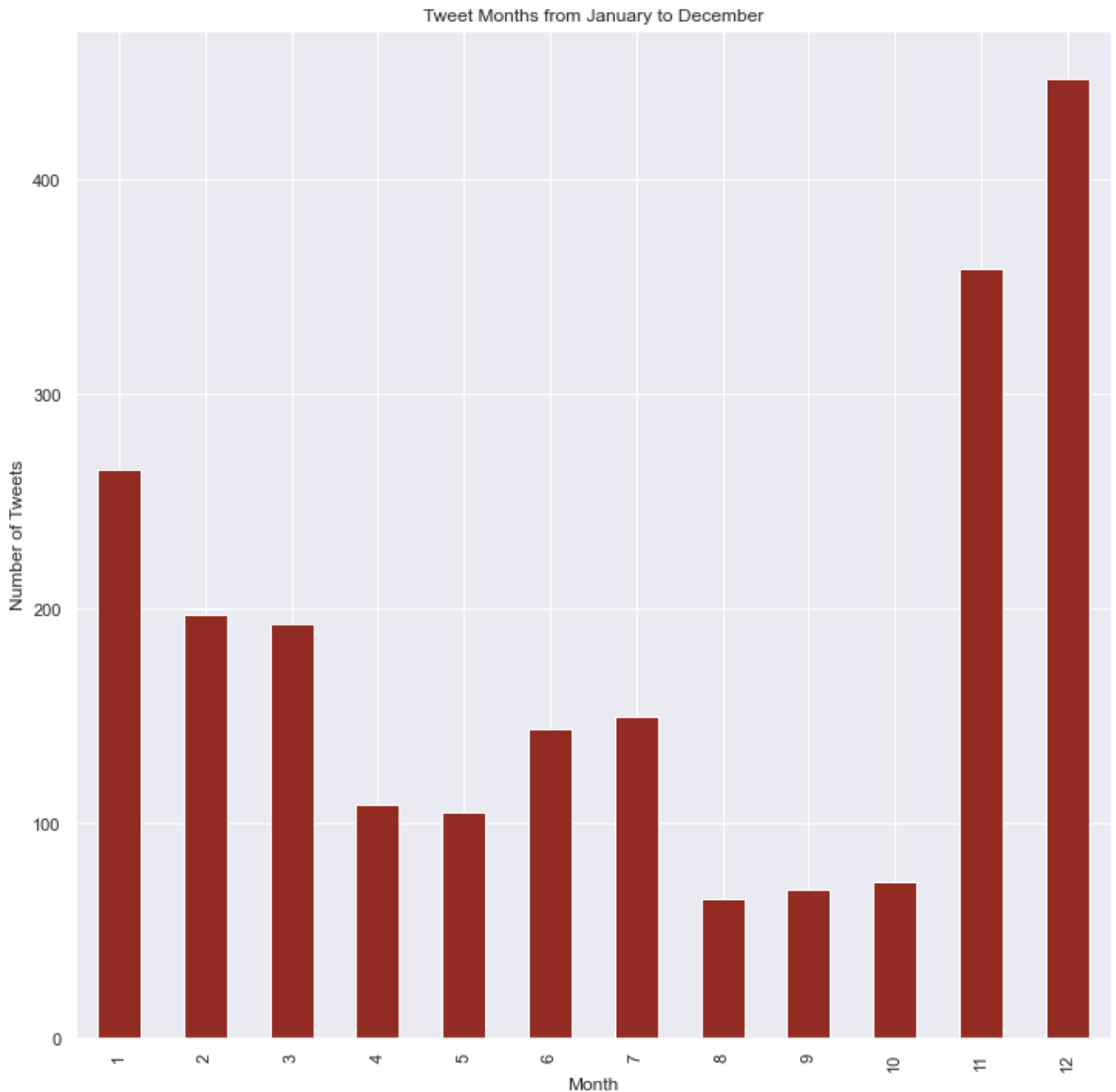
I answered the question, which source was used the most to tweet?



Twitter for iPhone was the most used source for tweeting

Tweet Months

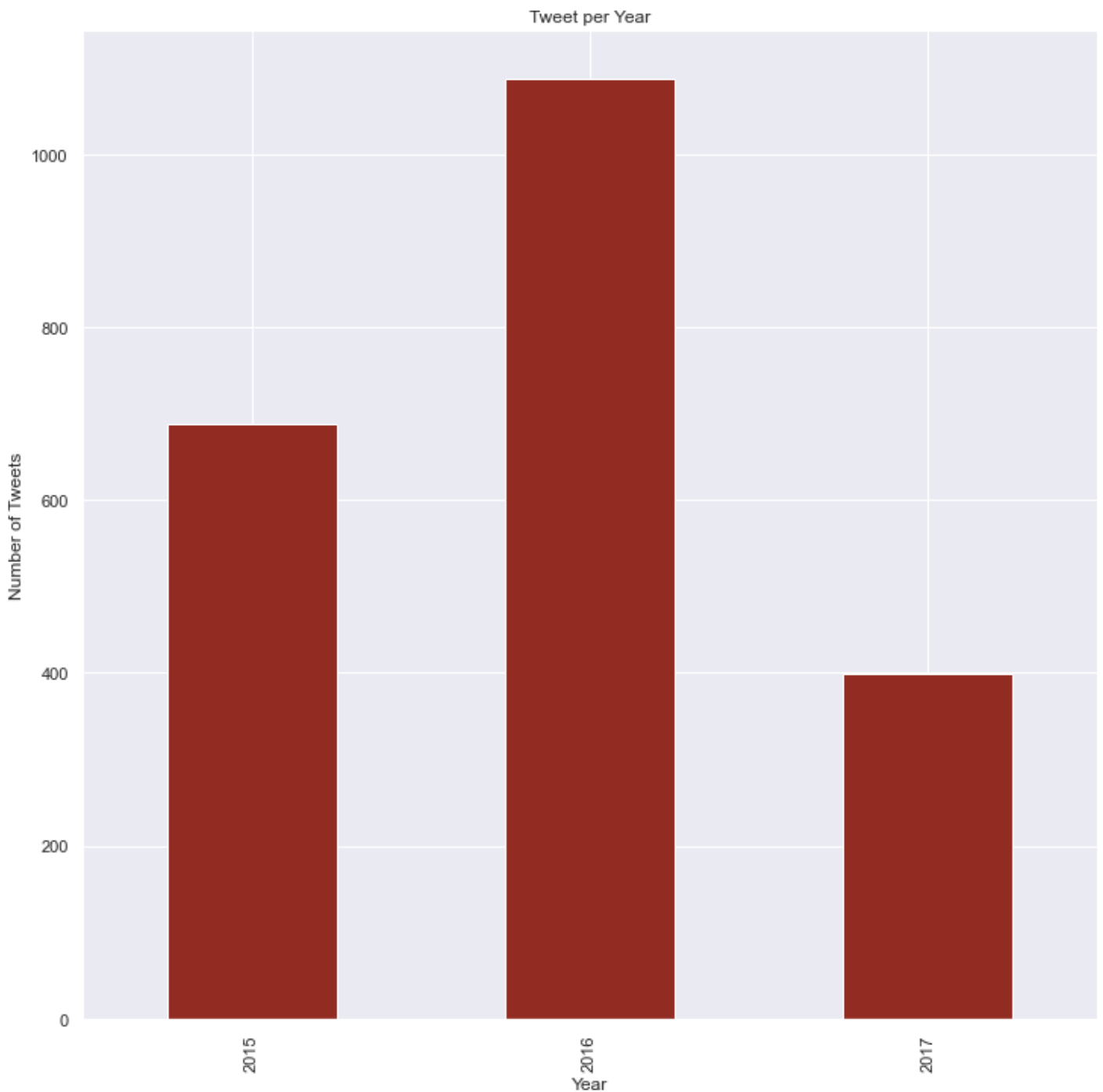
I answered the question, which month had the most tweet?



December had the most tweets, followed by November and January.

Tweet Year

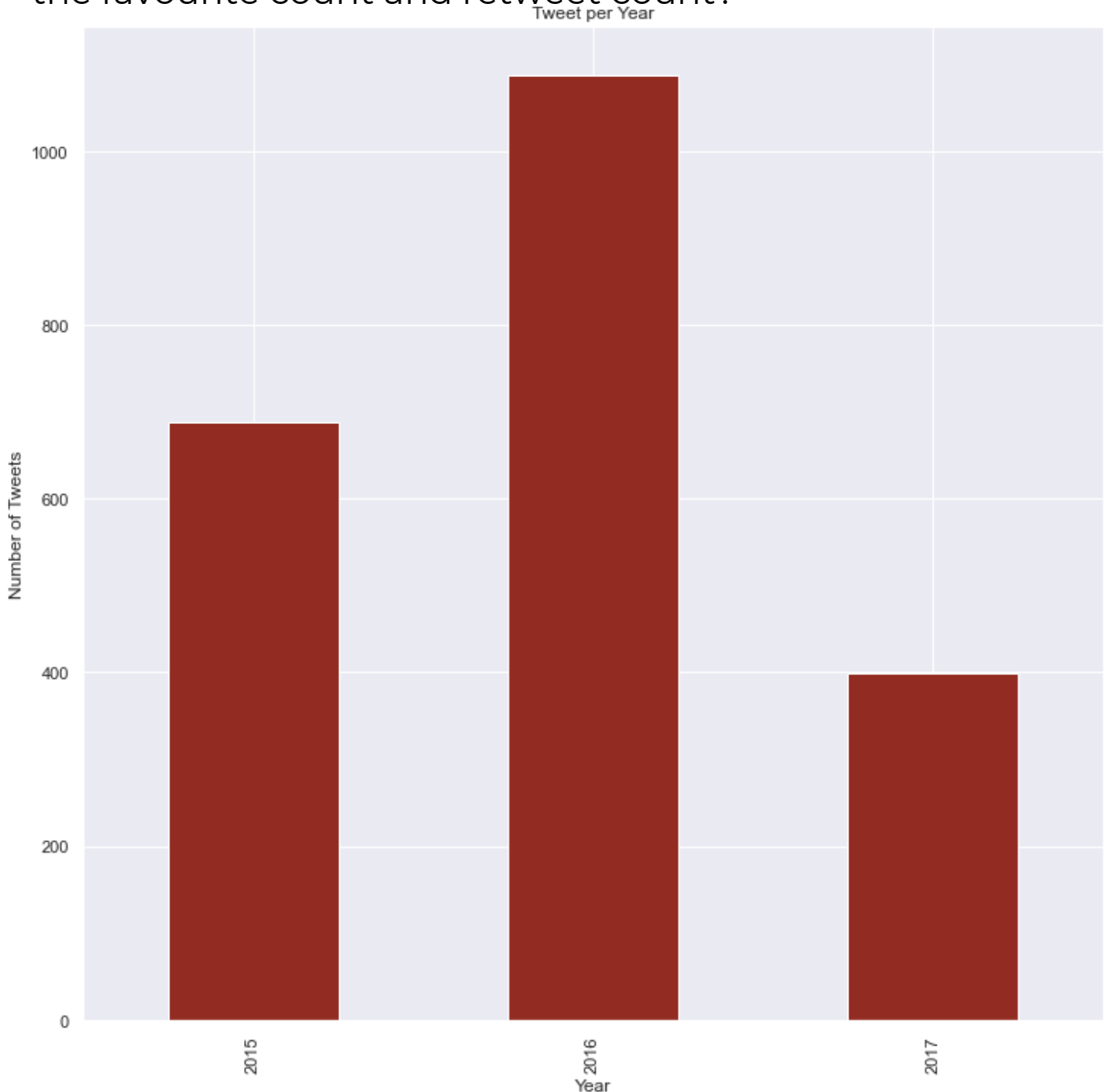
I answered the question, which year had the most tweet?



2016 had the most tweet

Relationship between Retweet count and Favorite count

I answered the question, what is the relationship between the favourite count and retweet count?



There is a strong positive correlation between retweeter count and favourite count. This is shows that when one is high, there is a tendency for the other one to be equally high

Insights gathered from the analysis

- 2016 had the highest number of tweets
- The month with the highest number of tweets is December, while the month with the lowest number of tweets is August.
- The most popular dog breed is Golden Retriever
- Charlie and Lucy were the most popular dog names
- Twitter for iPhone is the most popular tweet source
- The stage with the highest number of dogs is Pupper
- There is a correlation between number of retweets and number of favourite



Conclusion

The insights gathered above are important in showing the admin of WeRateDogs twitter page the general performance, liked and dislikes of their followers and their dogs. WeRateDogs have a lot of potential as a brand and as a twitter page.

