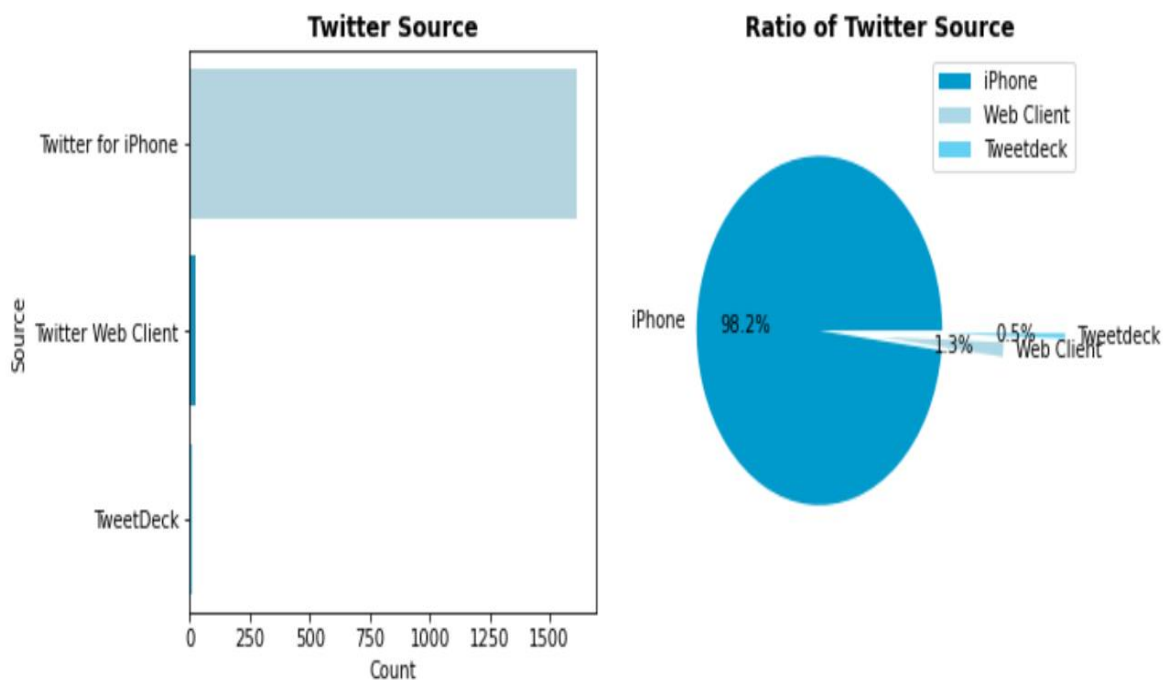


‘WeRateDog’ Twitter Data Analysis Insight and Visualization

‘WeRateDog’ is a Twitter account that rates people’s dog with a humorous comment. The account was started back in November 2015 by a college student, Matt Nelson, and has receive numerous international media attention. As of December 2020, it has approximated 9 million of followers. This analysis, I will be focusing on ‘WeRateDog’ tweets trend and pattern over the time period between November 2015 and July 2017 such as:

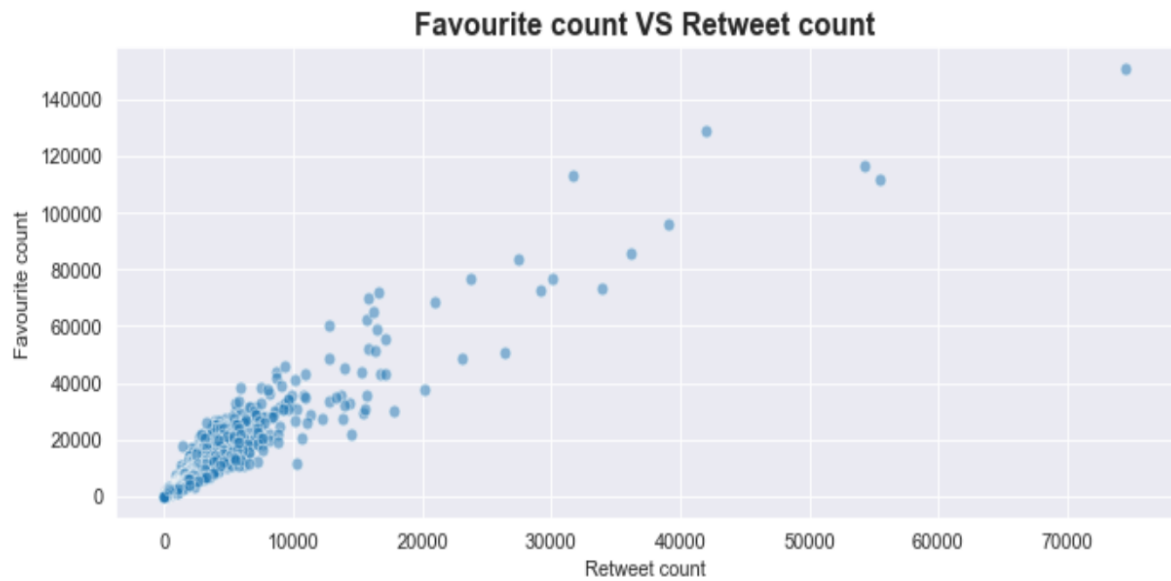
1. Distribution of sources?
2. Is favourite count correlated with retweet count?
3. Top 3 most favourite dog tweets
4. Most tweeted dog breeds
5. Number of tweets, retweet and favourite over time

Insight 1: Distribution of sources



As you can see, most of the tweets are posted from iPhone Twitter app. That’s mean majority of users prefer mobile app. The other sources are uncommon (<1.5%) which are Twitter Web Client and Tweetdeck,

Insight 2: Is favourite count (Likes) correlated with retweet count?



The plot above shows a positive correlation between retweet and favourite count.

Insight 3: What is the top 3 most favourite dog tweets?

Top 1: “*Here's a doggo realizing you can stand in a pool.13/10 enlightened af (vid by Tina Conrad)*”

Link: <https://t.co/7wE9LTEXC4>



Top 2: *“Here's a super supportive puppo participating in the Toronto #WomensMarch today. 13/10”*

Link: <https://t.co/nTz3FtorBc>

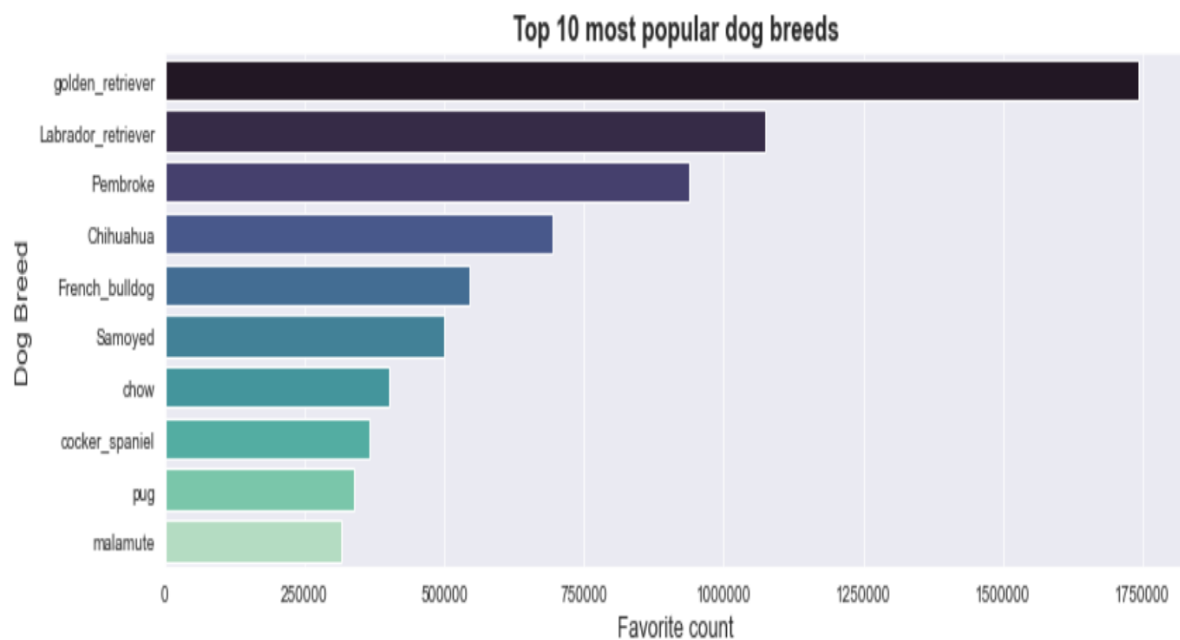


Top 3: *“This is Stephan. He just wants to help. 13/10 such a good boy. 13/10”*

Link: <https://t.co/DkBYaCAg2d>

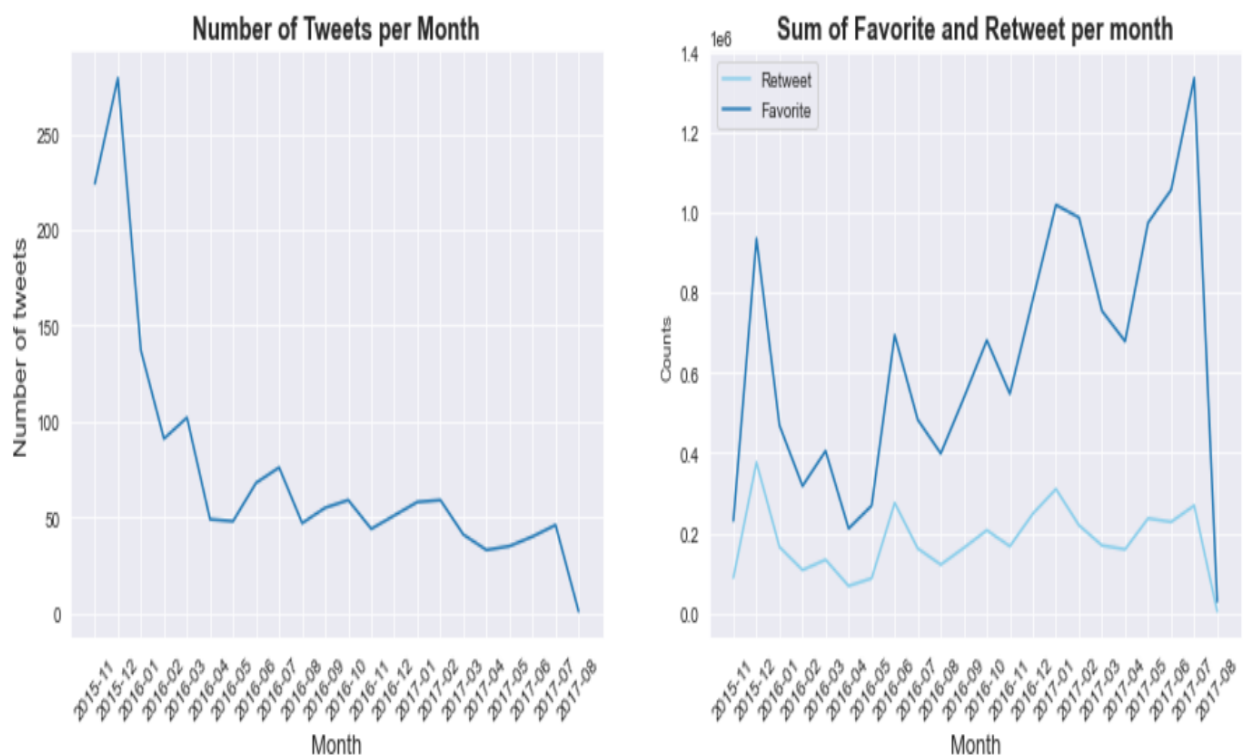


Insight 4: Top 10 most popular dog breeds



Based on the figure above, Golden Retriever is the most popular(favourite) dog breeds with over 1.5million of likes. Second goes to Labrador Retriever, follow by Pembroke.

Insight 5: Number of tweets, retweet and favourite over time



The figure of number of tweets per months shows a decreasing trend. Sum of tweet per month shows almost the same level, however, there is positive and increasing trends of the sum favourite (Like). This conclude that less tweet does not mean less popularity.