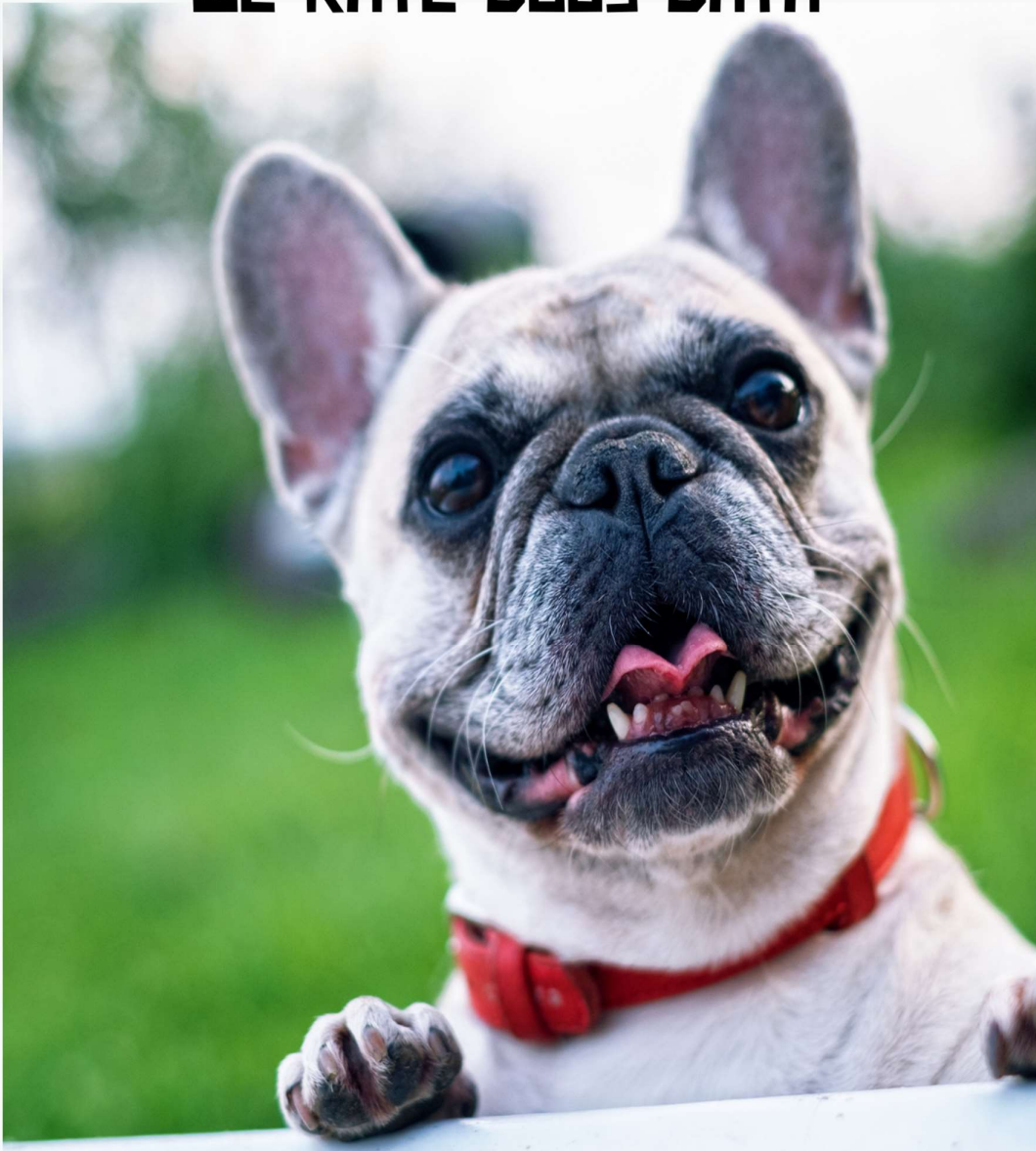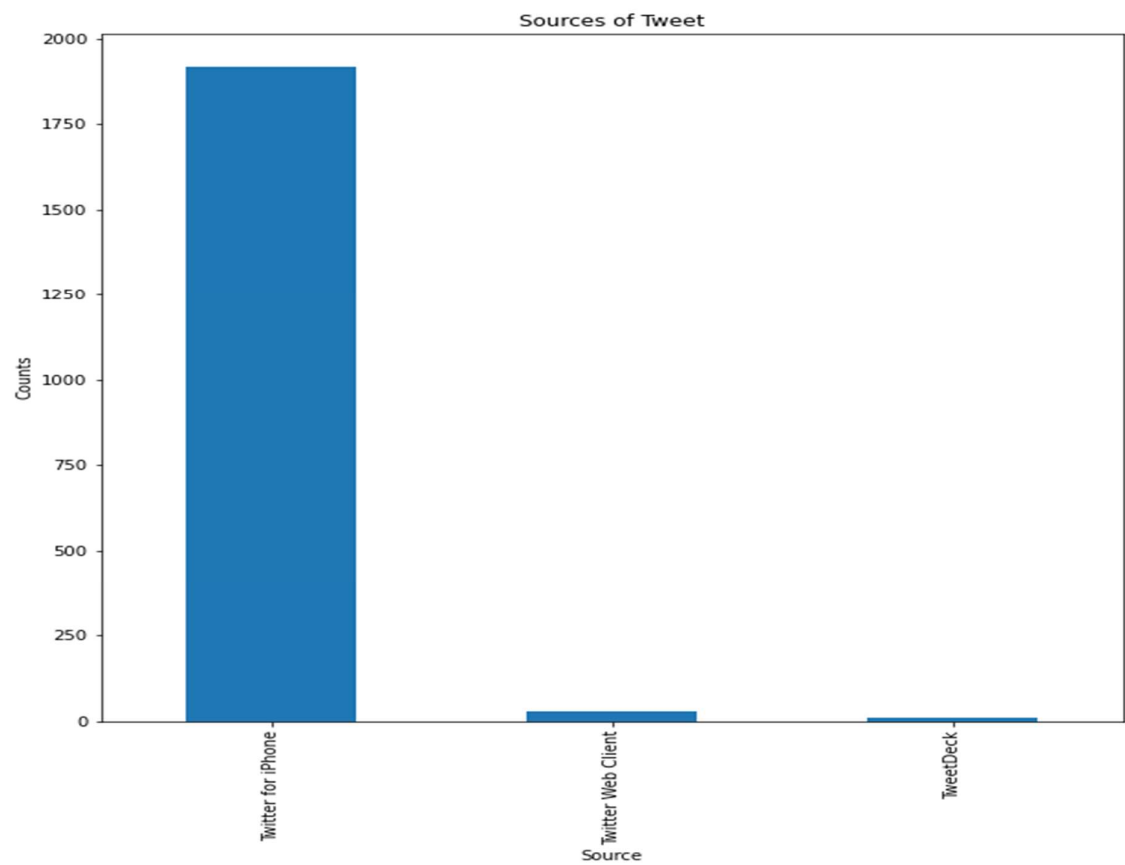# INSIGHTS AND VISUALIZATION

WE RATE DOGS DATA

Introduction

In the section, I analysed the We Rate Dogs data after gathering, assessing, cleaning and combining the datasets from all the three sources. The data were in visualized and insights drawn to make conclusions. Below are the insights as:

Insight 1: Most Used Twitter Sources types.

The analysis that I performed was a value count of the on the types of sources that tweets are coming from. The most used source of tweet came from the Twitter for iPhone with tweets numbering 1918. Other source such as the Twitter Web Client and TweetDeck were numbered 27 times and 11times respectively. Percentage wise, tweets from Twitter for iPhone hit about 0.98 % out of the total tweets.

Insight2:   The Relationship Between Retweet and Favourite Tweets

The visualization depicts the correlations between retweet counts and favourite counts. There is an observed strong correlation between retweets and favourites tweets. A greater number of retweets will increase the probability of the tweet being favourited. Increases in retweets will definitely increase the favourited tweets. This makes sense as most of the time, favourited tweets have a greater percentage to be retweeted by the one who favourited it.
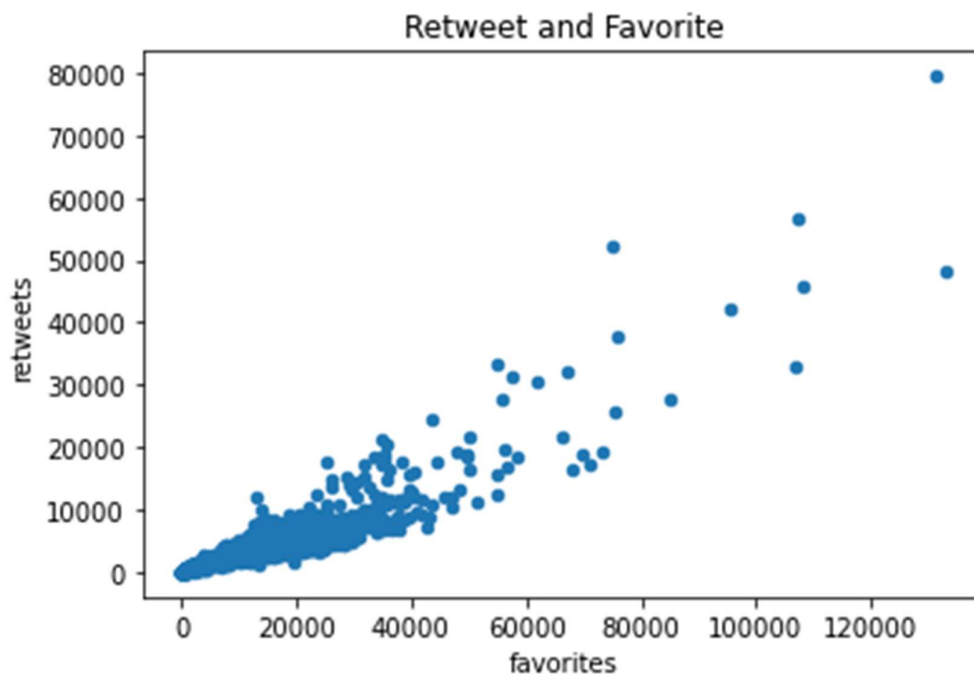
Insight 3:   Most Retweed Photo and Least retweeted Photo

The tweet_id 744234799360020481 is the most retweeted (83727 retweets). This tweet is an image of a dog realizing he can stand in the pool. Again, the lowest retweeted image is the tweet_id 666102155909144576 (16 retweets). This is an image: Oh my. Here you are seeing an Adobe Setter giving. With a simple line of code (retweet_count.max) I have found out that the most retweeted photo is a dog realizing he can stand in the water.