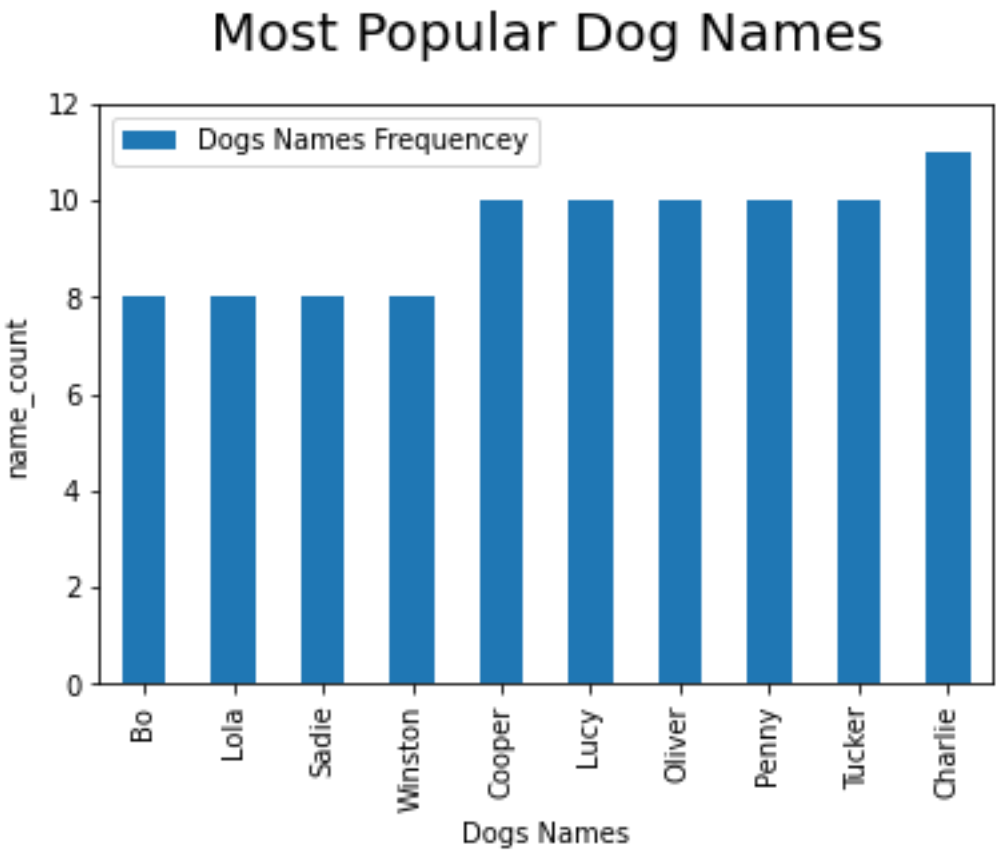
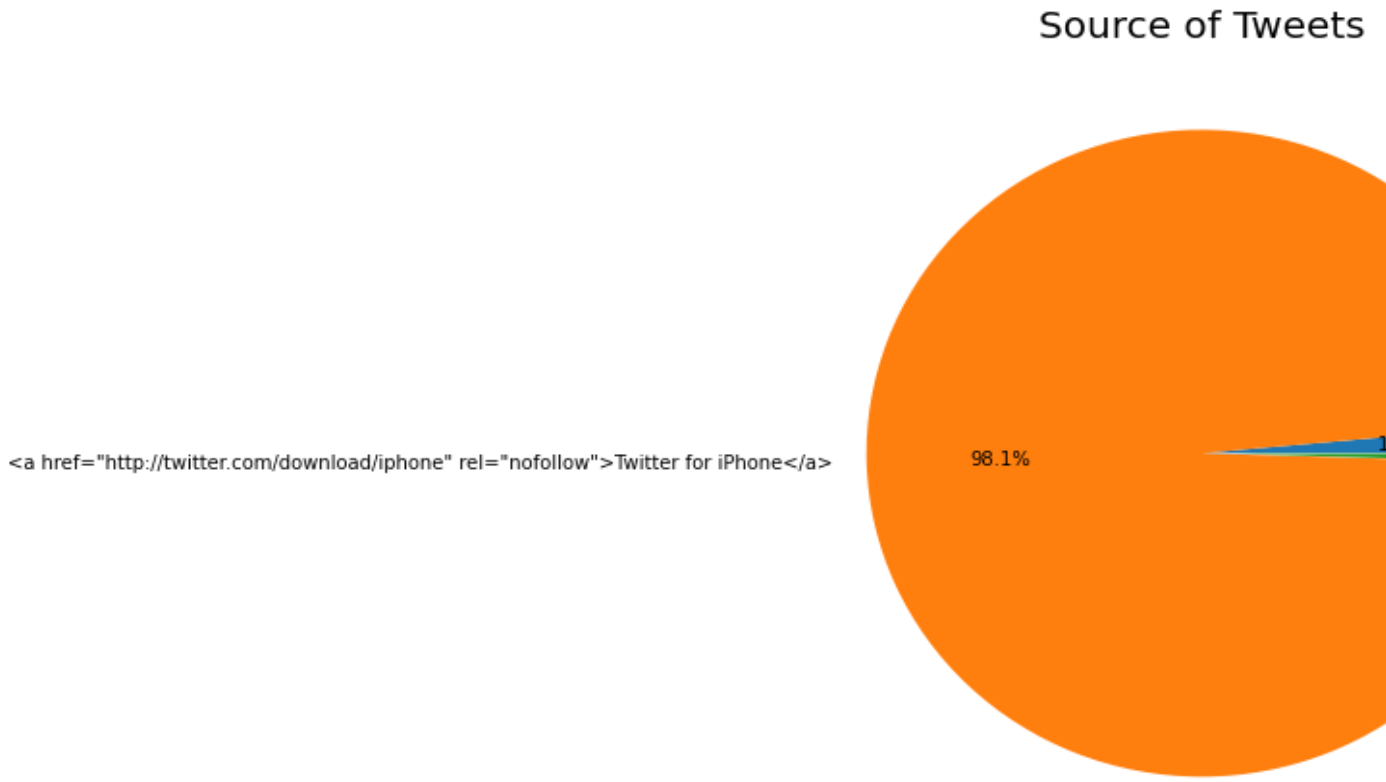
Report: act_report

Create a **250-word-minimum written report called "act_report.pdf" or "act_report.html" that communicates the insights and displays the visualization(s) produced from your wrangled data. This is to be framed as an external document, like a blog post or magazine article, for example.**

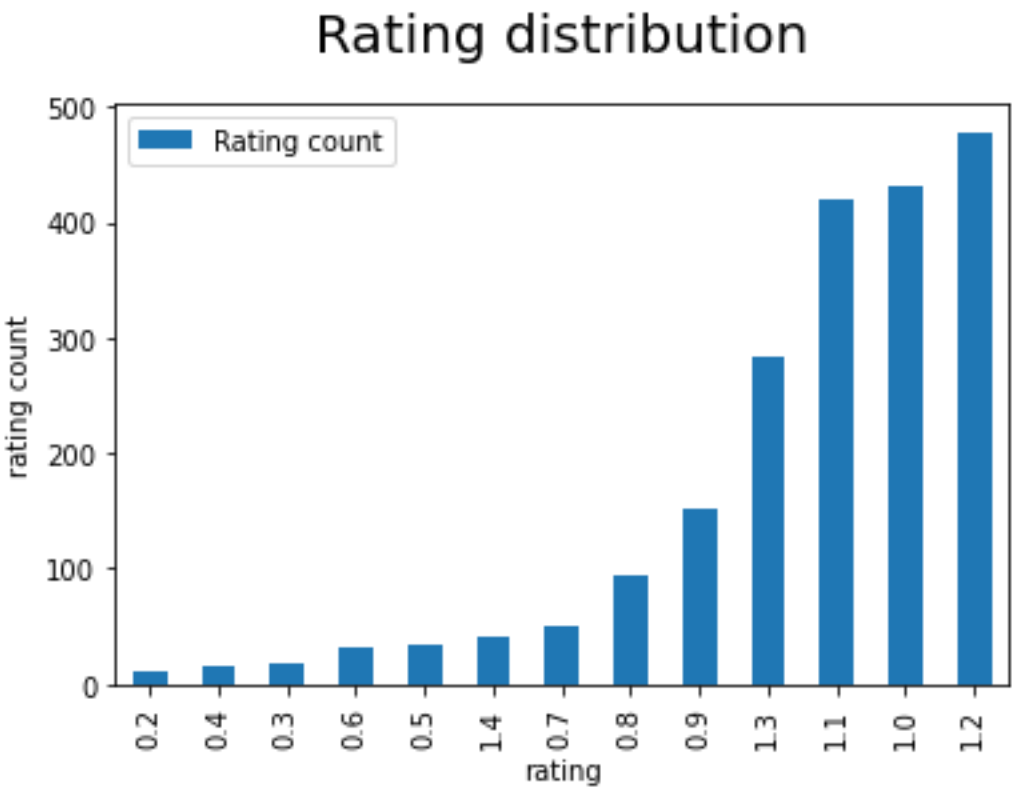
The graph below shows the most popular dog names in the dataset. The names a grouped together and their value_count is found to check the dog names frequency.The value count represents the number of occurences of the dogs names which is the frequency.



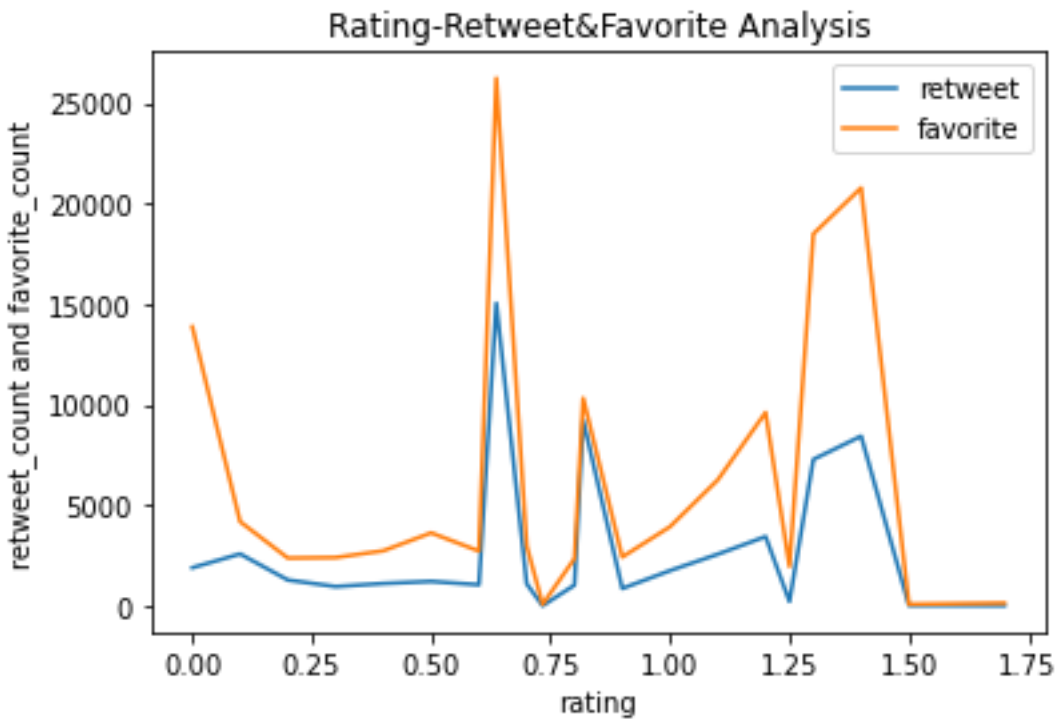
The tweets originated from three main sources as represented on the pie chart below. The main source was Twitter with 98.1% of the tweets, then Tweetdeck with only 1.4% and Vine had the least tweets with only .5% of the tweets coming from it.



The graph below shows the ratings and the rating counts or the number of occurence per rating. It shows that highest rating was 1.2 with almost 500 rating counts, followed by 1.1 with approximately 460 counts and the lowest rating are 0.2 with rating counts of 10 counts.



Below is line graph showing retweet counts and favourite counts against rating. We can conclude that the favoute were highly rated with more than 25000 retweet count as compared to retweets which are relatively below favourite in all ratings. The highly rated retweet had a frequencey of about 15000 counts.



Insights

- Among the 4 dog stages, pupper has the biggest frequency, but pupper also gets the lowest favorite counts and retweet counts and rating.
- The mean for rating is 1.055 and the 3 most common ratings are 1.2,1.0,1.1, and rating frequency becomes smaller as the rating becomes extreme.
- Posts with extreme ratings get more favorites and retweets.
- Post with rating 0.6 gets the highest favorite counts and retweet counts.
- Posts with rating 1.7 gets the lowest and equal favorite and retweet count