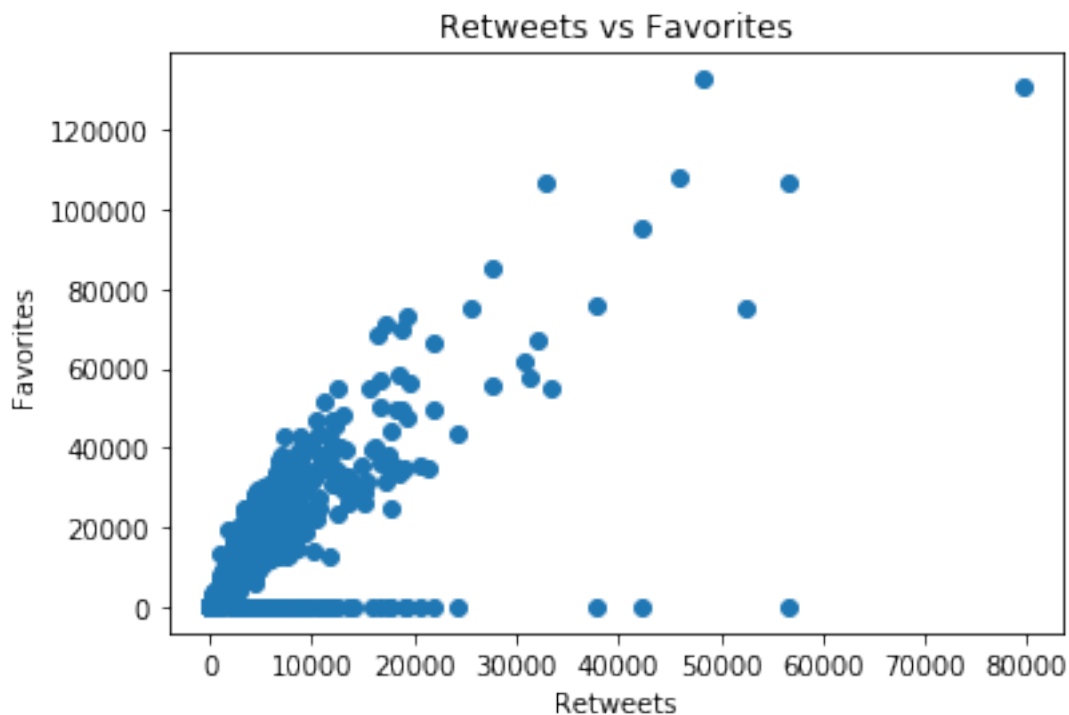


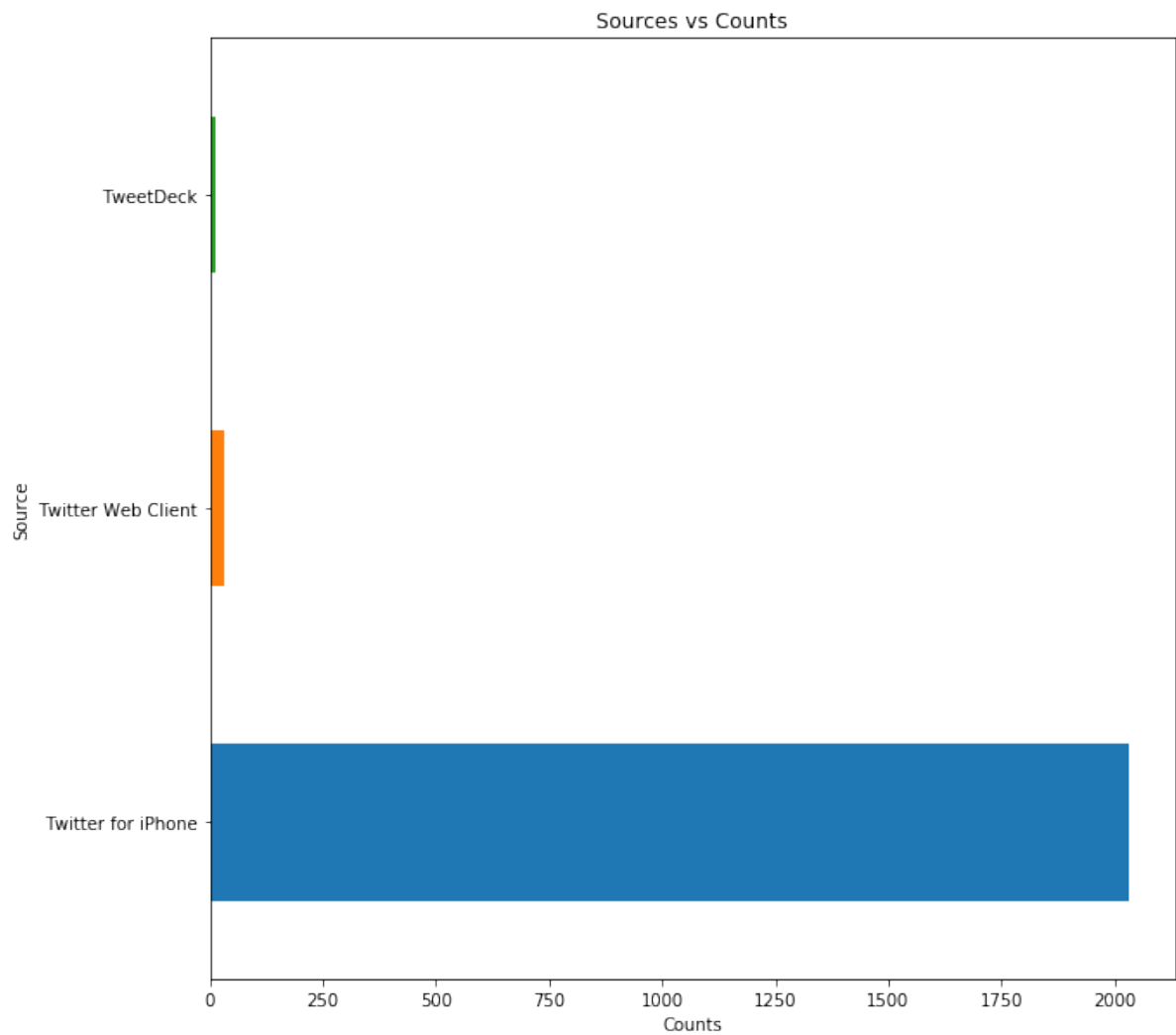
Act Report

Visualizations are always important while we are communicating with our colleagues or giving a presentation to our clients. This histograms, scatter plots or pie charts give us better insights about how we take better decisions in the future or they help us understand our customer base, it really depends on what we are trying to present and whom we are trying to present, so its important we take into account these factors. While these factors are important the other factor that has a huge impact (positively and negatively) is the quantity and quality of data that we have, if our data is not enough we might not be able to give proper insights while on the other if our quality of data is not right, it would make the job really hard to do. So, its really important that we gather the right amount of data, properly asses it and clean it in a proper so that it doesn't lead to disastrous results. It has been seen many times that after collecting data if we directly move towards analyzing that dataset without assessing or cleaning it we might wrong results and further disastrous things happened. Here, we analysed WeRateDogs dataset after gathering it from numerous sources, properly assessing it and cleaning it. The insights we got are as follows:

1. Retweets and Favorites are strongly correlated, as we can see that when retweets increase, the number of favorites also increase.



2. Most successful source of our tweets is Twitter For iPhone, followed by Twitter Web Client and TweetDeck. Twitter For iPhone accounts for 2032 tweets while TweetDeck only 11 tweets.



3. The 'floofer' dog stage has most number of retweets, followed by 'puppo', 'doggo', and 'pupper'. We can also see that 'puppo' and 'dog' have a little bit of competition between them.

