Report

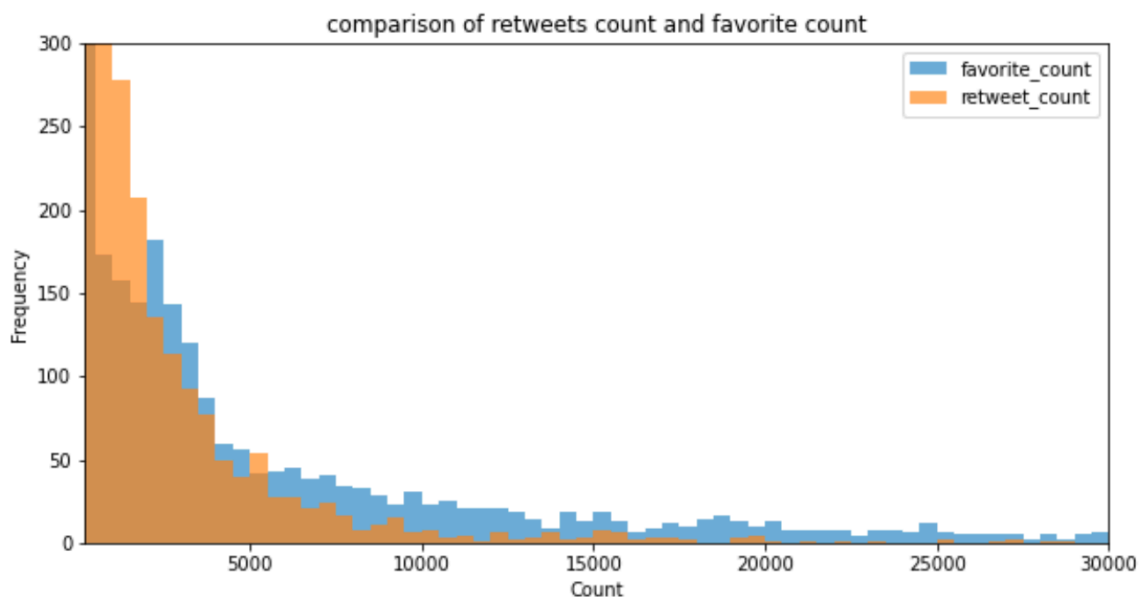## Analysis and Insights of WeRateDogs Data

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Analysis and Visualization of Data

At this part, several plot were created to analyze data and to draw valuable conclusions. To start I have defined what I want to plot to simplify the process.
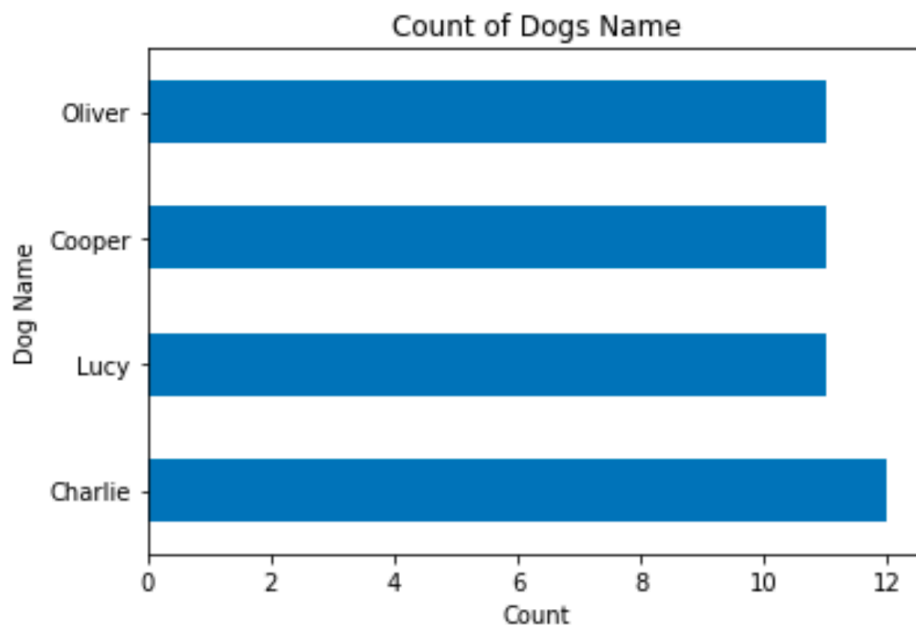
1. Plot the comparison of retweets count and favorite count

2. Plot the most popular dog name

3. Plot the total number of tweets over time

4. Plot the count of dog types in the dataset

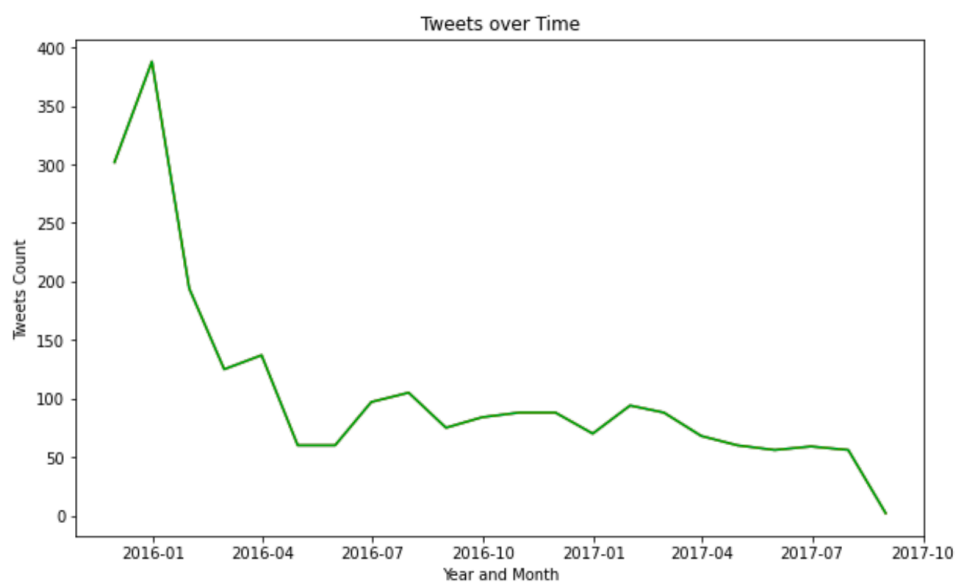## 1. Comparison between retweets and liking counts

In this graph we noticed that people tends to retweet more than liking tweets.
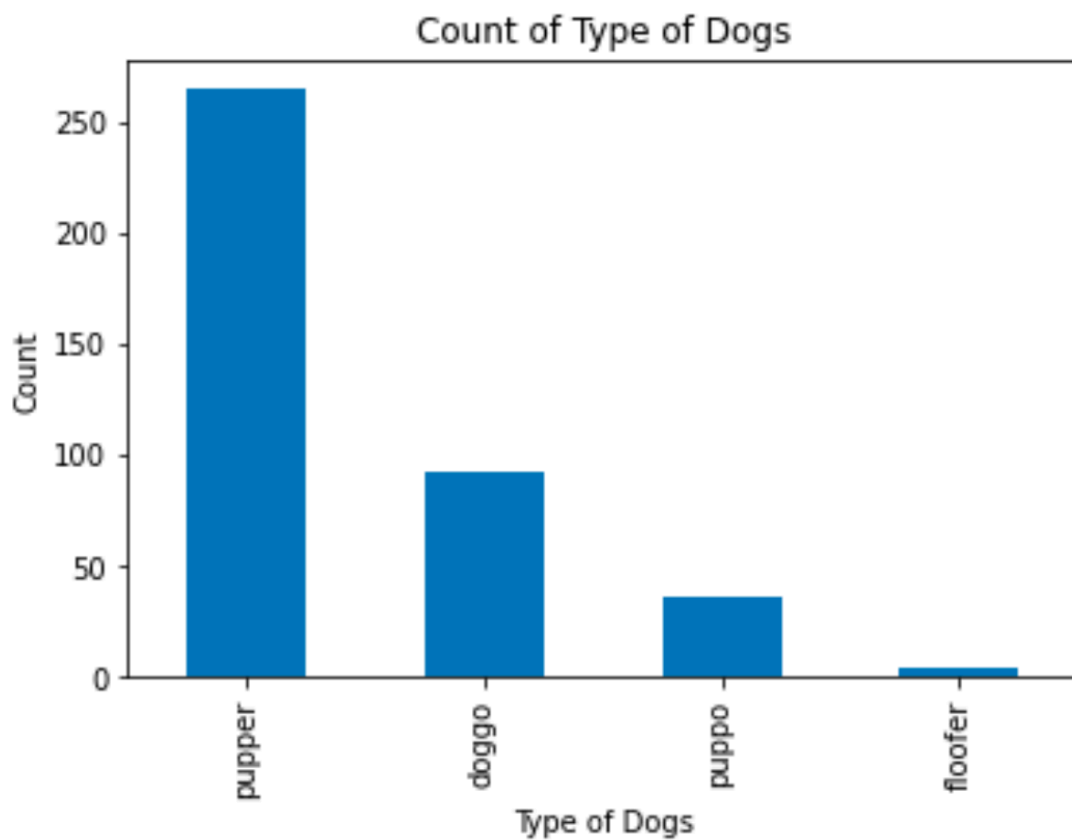
2. The most popular dogs name

In this graph, we conclude that people love to name their dogs Charlie!

3. Total number of tweets over time

The plot above shows a sharp decrease in tweets overtime with spikes in activity during the early of 2016(Mar), 2016(Apr) and continues decreasing after that.

4. The count of dog types

Based on the data, the most popular dog type is Pupper.

Conclusion

This write-up summaries the result of the analysis over WeRateDogs.