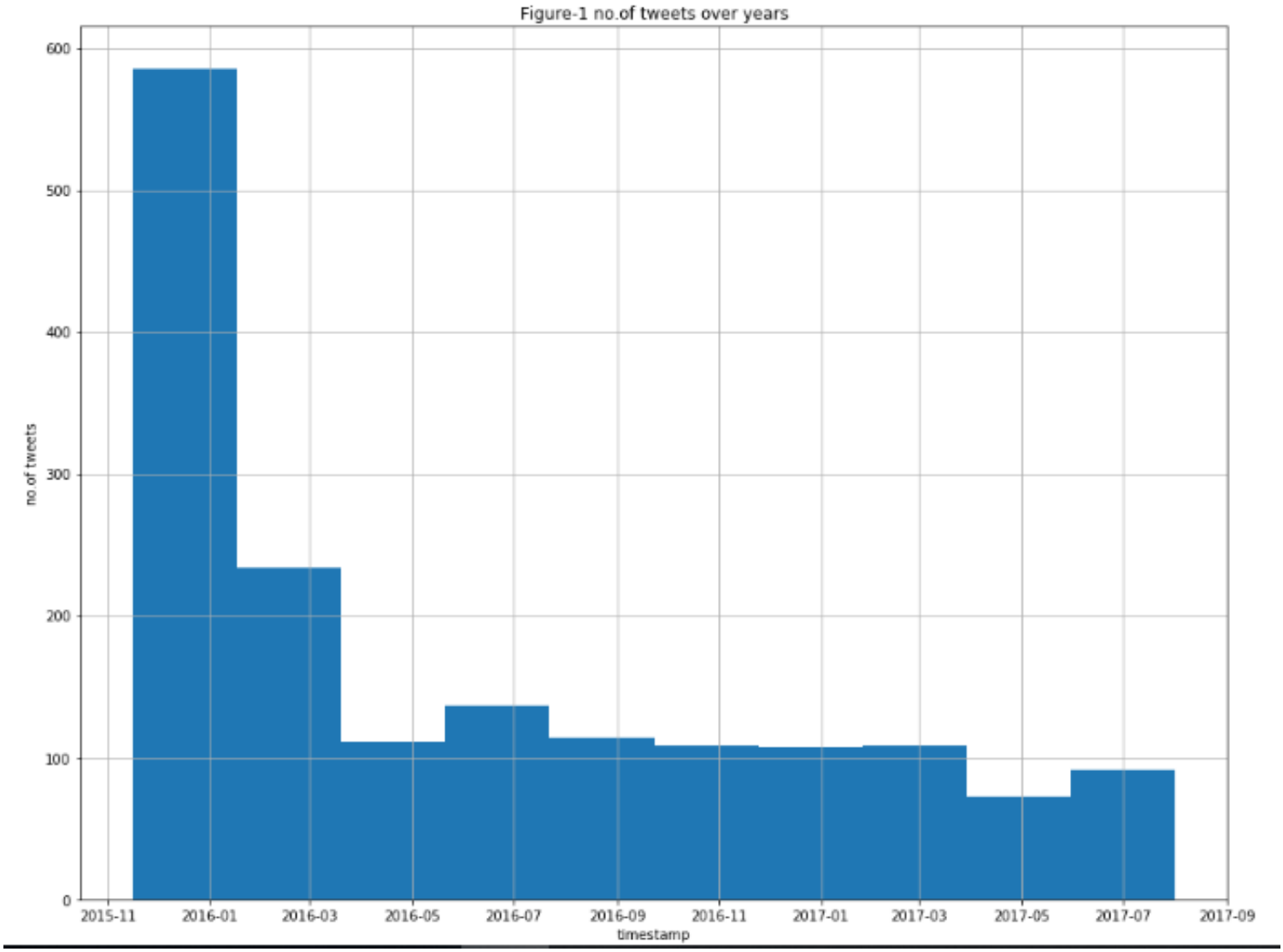
Exploratory Data Analysis

Introduction:

After I was done wrangling (see wrangling report) here I will explain the main analysis insights and visuals that was done in some parts of the project.

Data Analysis:

- **Tweets of WeRatedogs decreased over time (see figure below)**



From its starting days WeRatedogs tweets was around 600 for the years of 2015 & 2016 first month. However, it is clear that it was down too little over hundred by 2016-mid-year.

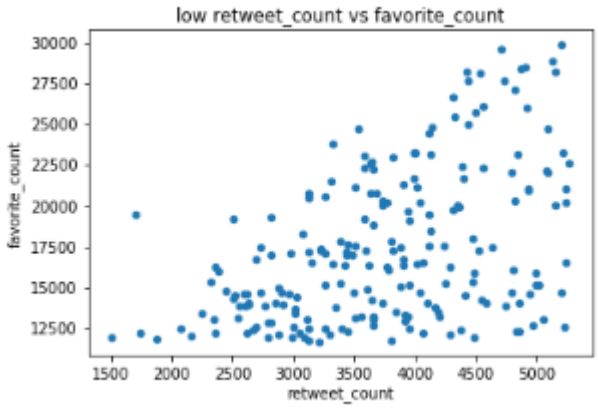
- **I found months that has most number tweets was:**

November with 270 tweets. December with 336 tweets.

- **I found months that has least number tweets was:**

August with 48 tweets. September with 56 tweets.

- **I search for properties that are associated with tweets that have high favorite count by taking favorite count > 75% as follows :**
  1. The number of tweets with high favorite count is 417 tweets.
  2. the most favorited stage is Pupper.
  3. the median of retweet count with high favorite count is 5312 retweets.
- **I also search for answer of the question Does high retweet count receive better favorite counts? Using query function and the median I plot the following plots.**



The plot above shows clearly when (favorite counts > 75% & retweet count < median) that as retweet count increase also favorite counts starting from 1500 to more than 5000 retweets and for favorite count up to almost 30K likes. (likes = favorite counts).

Conclusion

I want to express that despites making good clean with high quality data in wrangling part. It will reach others by author insights & visuals. That is the goal of data analysis.