

Udacity Project - Twitter Data Analysis Report

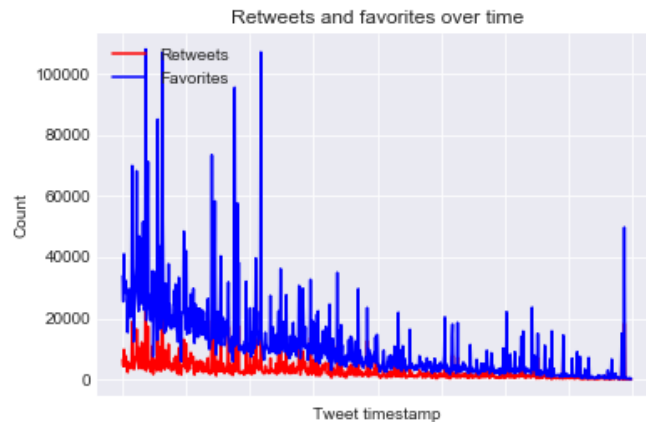
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Introduction

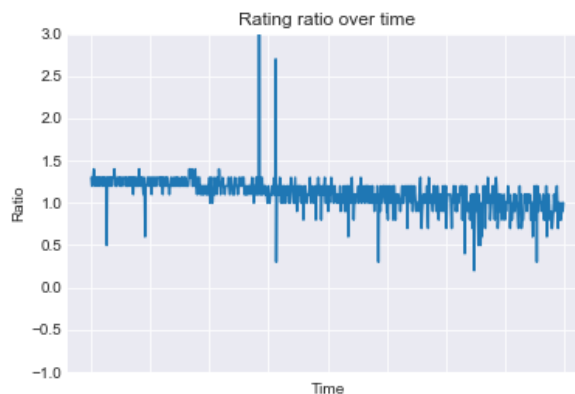
This analysis contains tweets of WeRateDogs twitter account. Regarding this analysis, the trend in popularity over time and based off the number of retweets and favorites are shown in it.

Analysis

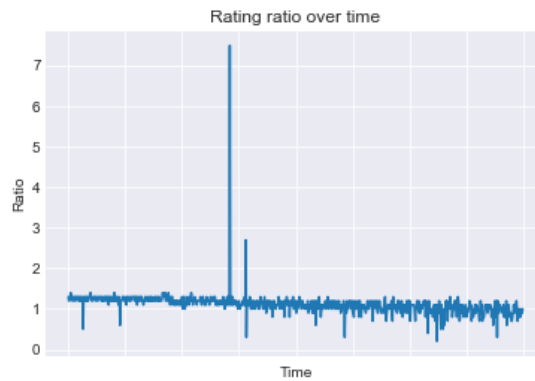
I analysed and recognized a trend in the favorites and retweets over time. This trend is decreased, presumably as the account became less popular. You can see the chart below and popularity decreases day by day. At the beginning, there are a lot of popular tweets and after a while, this popularity decreases.



- The dog ratings are usually a number out of 10, however there are a fair amount of ratings that use a scale other than 10. In order to normalize it, I created a ratio. When it is plotted, you can see extreme outliers:



- If we have a look more closely with a zoom, we can see that a few dogs received zero scores, or close to zero. We can see that lower scores are given in general latest time in dataset. Over time, the trend is decreasing lower than 1:1 ratio.



- Here is Canela. What a lovely dog 😊



Highest Rated Dogs

1. Duddles (107956 likes)
2. Stephan (107015 likes)
3. Jamesy (106827 likes)



Here we can see a relationship that is pretty standard. The more common a dog is, the higher it is rated. This is due to a couple of reasons such as the "mere exposure effect" which makes people prefer people/items they have encountered before. Furthermore, people buy and take pictures of dogs that they like and will do so more often, increasing this bias even further.