

ACT_REPORT

Project 5: Wrangle and Analyze Data



Sarah alazeri

Introduction:

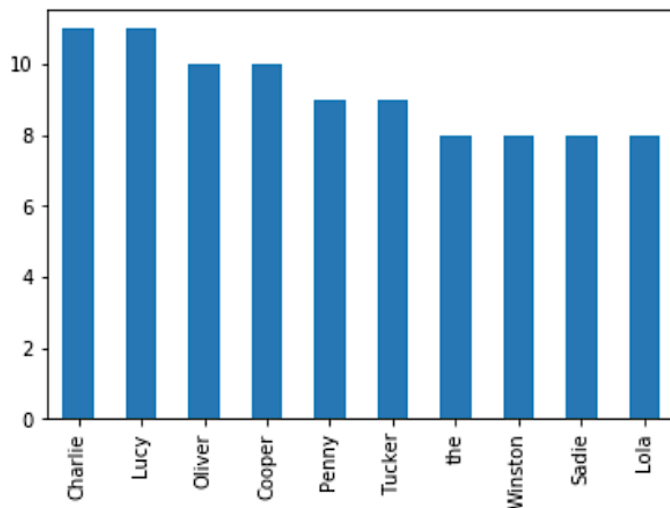
We will wrangle (analyze and visualize) a dataset which is the tweet archive of Twitter user @dog_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog.

Note: I did not use Twitter API because they Couldn not support me with an access to developer account.

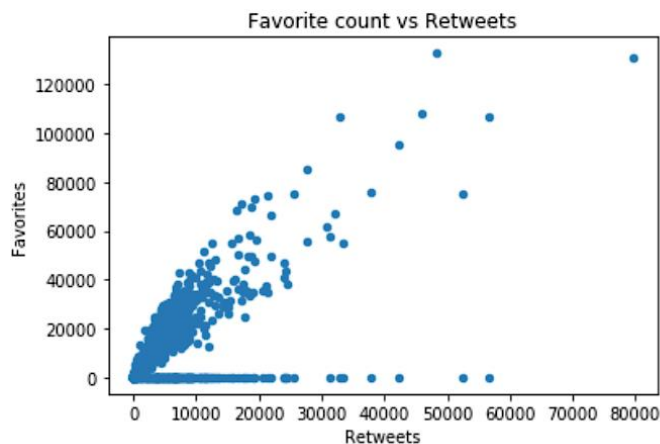
Insights:

- Display the number of entries and columns in the dataset.
- Shows the top 10 represented dog names in the dataset.
- Compare retweet vs favorite count in the dataset.
- Compare the count of tweets in each year(the most active year in the We Rate Dogs account history).

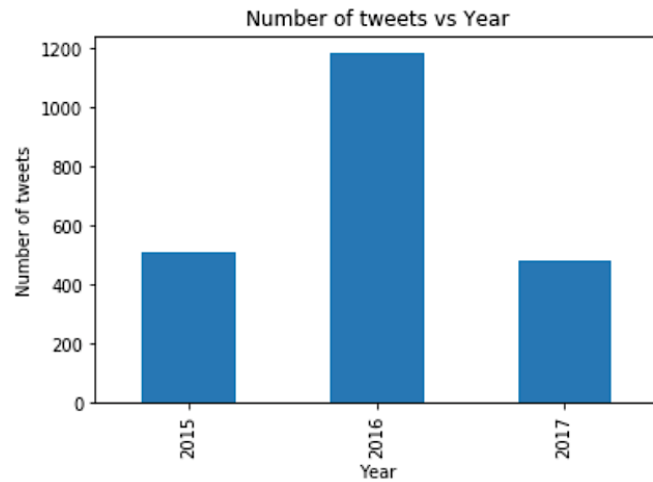
Visualization :



- In this graph I shows the top 10 represented dog names and there number in the dataset . so we can see that the most popular dogs name are charlie and lucy.



- This plot represent a relation between retweet and favorite in scatter graph . There is a positive correlation between them but favorite counts seem to be higher than retweets.



- In this graph I see that 2016 seems to be the most active year in the We Rate Dogs account history with more than 1000 tweets.