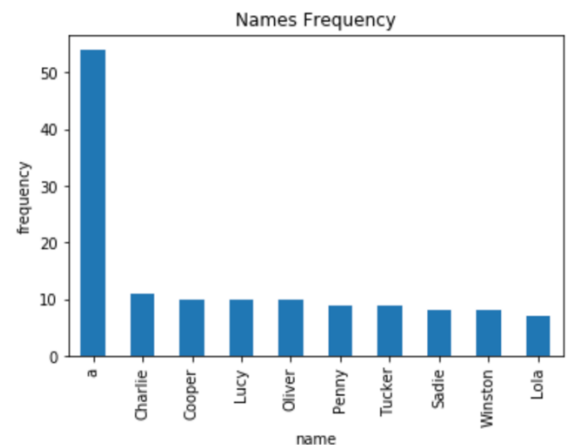Ahmed Zidane

Project:
WeRateDogs Analysis from Twitter APIs

Analysis guidelines:

- First, I start to analyze some facts about the dogs, like most names used or ratings for types of dogs
- Then in the second part I focus on the twitter account activity to extract some trends
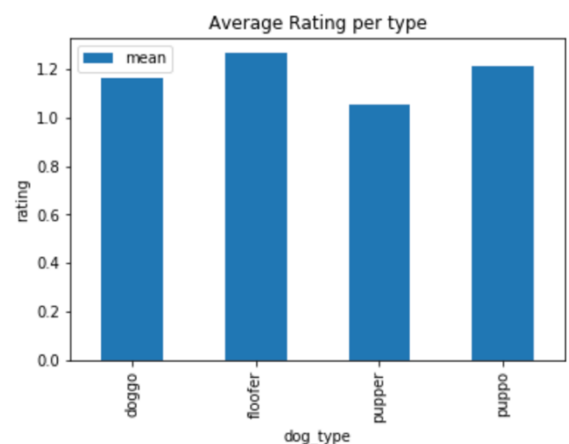
Research Question 1: What are the most common dog names?

- I visualized the top 10 chosen names for dogs.
- As we can see, the top one is "a" which Is clearly a typo, but I didn't want to remove it from the data to avoid losing a lot of info.
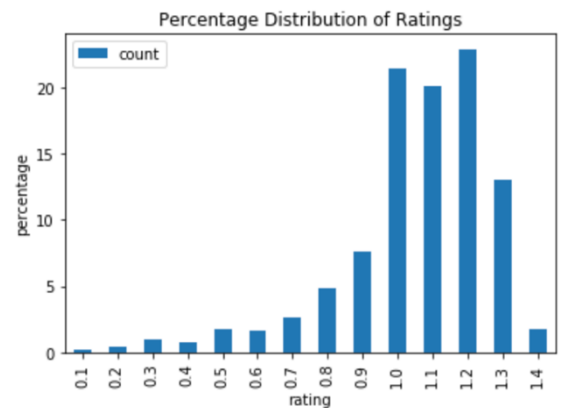- If we ignore the first name, we will find the most common names respectively.

Research Question 2: What dog type has the Highest Average Rating?

- I found that dogs with type "Floofer" usually Receives the highest ratings.
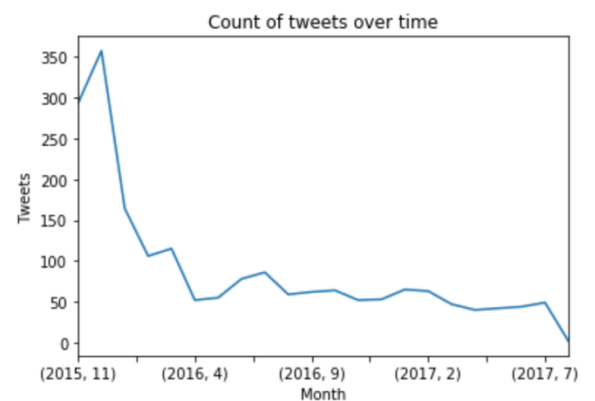- While dogs with type "Pupper" receives the Lowest ratings.

Research Question 3: What is the distrubution of ratings

- Most of the time, the rating is between 10 and 13 in the used tweets
- However sometimes the rating goes low, Around 7% of the time the rating was 9

Percentage Distribution of Ratings

Research Question 4: Are tweets growing or decreasing by time?

- The tweeting activity for the account is going decreasing by time

Count of tweets over time

Research Question 5: Is the retweeting & favorite activity growing or decreasing by time?

- Despite having a declining trend in the tweet activity over time, the retweet and favorite trend is actually increasing a lot

- This indicates that even though the account Is not posting as much tweets as the past, It's still growing in popularity

Average Retweets & Favorites trend over time