

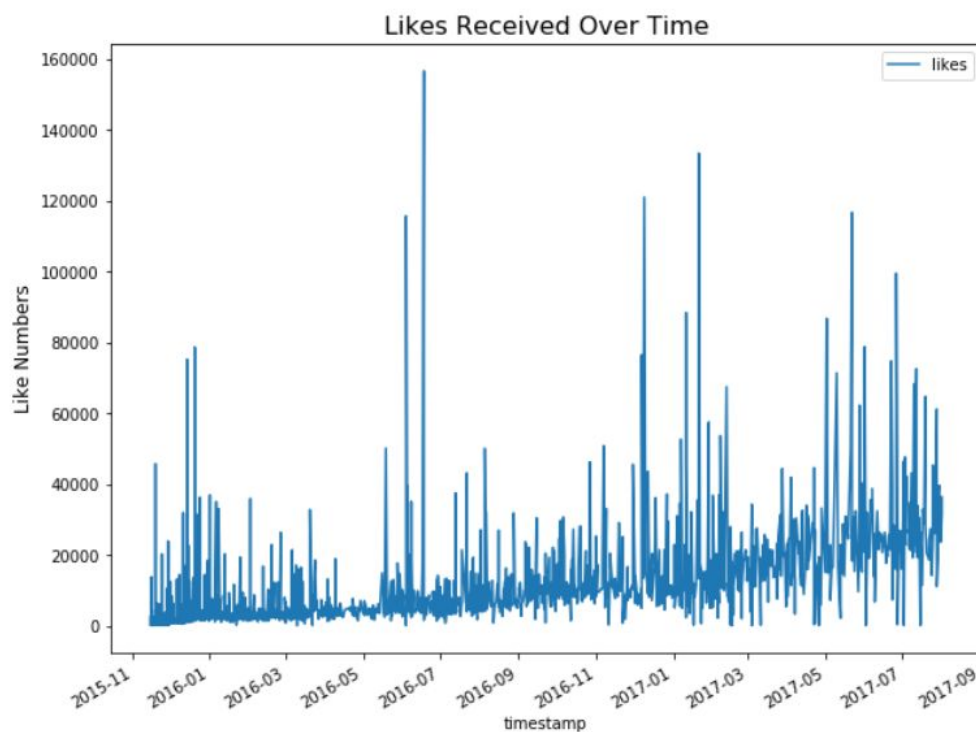
Data Wrangling Project - Act Report

Introduction

In this report, I will answer the following questions:

1. How WeRateDog's likes have increased over the last years?
2. Which dog stage is more popular by WeRateDogs?
3. Based on the image predictions, which breed is more popular by WeRateDogs?
4. Based on the image predictions, which breed is more popular by users?

1. How WeRateDog's likes have increased over the last years?



Although some outliers can be observed in the time series above, there is a clear development on the number of likes received between 2015-2017. Observing this trend, it can be said that the account's followers have also increased over time.

2. Which dog stage is more popular by WeRateDogs?

Based on the screenshot above, we could say that the top 10 dog breeds are:

1. *Golden Retriever*
2. *Labrador Retriever*
3. *Pembroke*
4. *Chihuahua*
5. *Pug*
6. *Chow*
7. *Samoyed*
8. *Pomeranian*
9. *Toy poodle*
10. *Malamute*

4. Based on the image predictions, which breed is more popular by users?

likes	
dog_predictions	
golden_retriever	1584012.0
labrador_retriever	993144.0
pembroke	932049.0
chihuahua	645696.0
samoyed	480979.0
french_bulldog	438383.0
chow	380630.0
pug	292623.0
cocker_spaniel	289094.0
pomeranian	285126.0

Here we group by dog breeds on like numbers. When we compare this table with breed counts (question 4), we can make 2 interesting interpretations:

- Although french bulldog and cocker spaniel breeds are not shared by WeDogRates tweets, they still managed to get in to top 10 most liked breeds.
- On the contrary, even though toy poodle and malamute breeds are