Introduction

This post will discuss about an investigation done on a dataset based on data gathered from the WeRateDog page on twitter, this is a page that rates people's dog with a humorous comment about the dog, the investigation is about finding factors influencing the rating and feedbacks quality.

In this dataset, we have a lot of information, the best information for our investigation was the rating and the favorite count as feedbacks, and dog breed and dog stage as factors, those two factors are the most influencing feedbacks.

1/ Dog breed:

In this dataset, we have more than 375 dog breeds, in this investigation we focused only on breeds with the top feedbacks.
Here are two bar chart representing the top 10 dog breed regarding the Mean rating (*Figure 1)* and the favorite count (*Figure 2*)
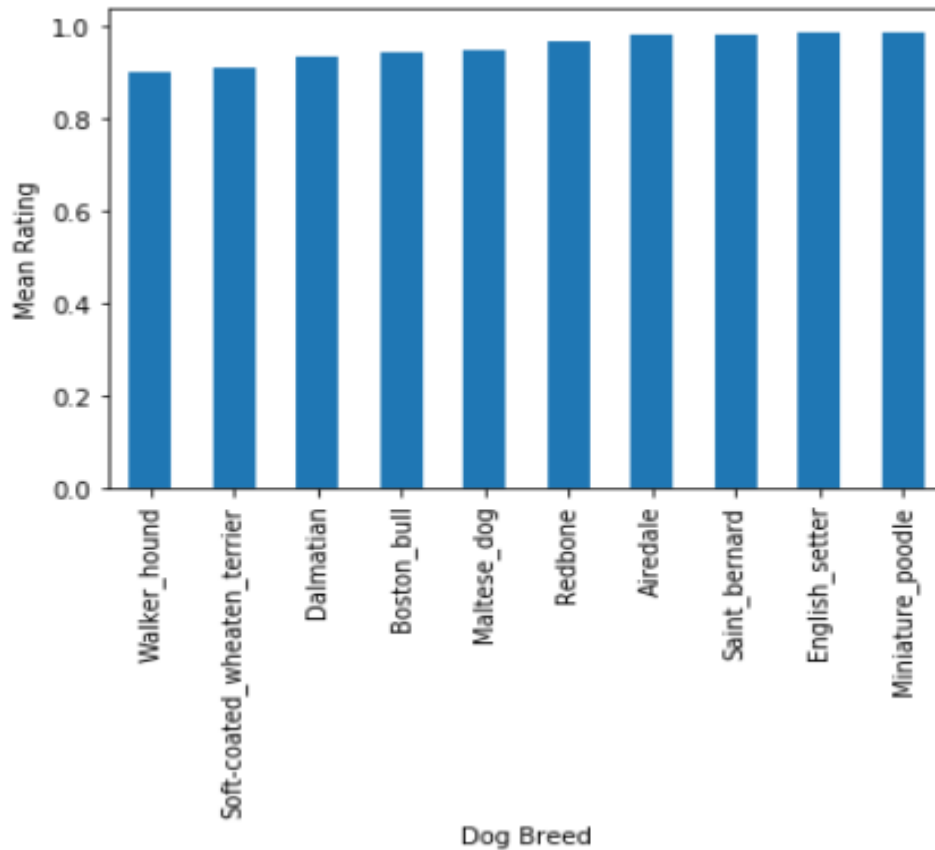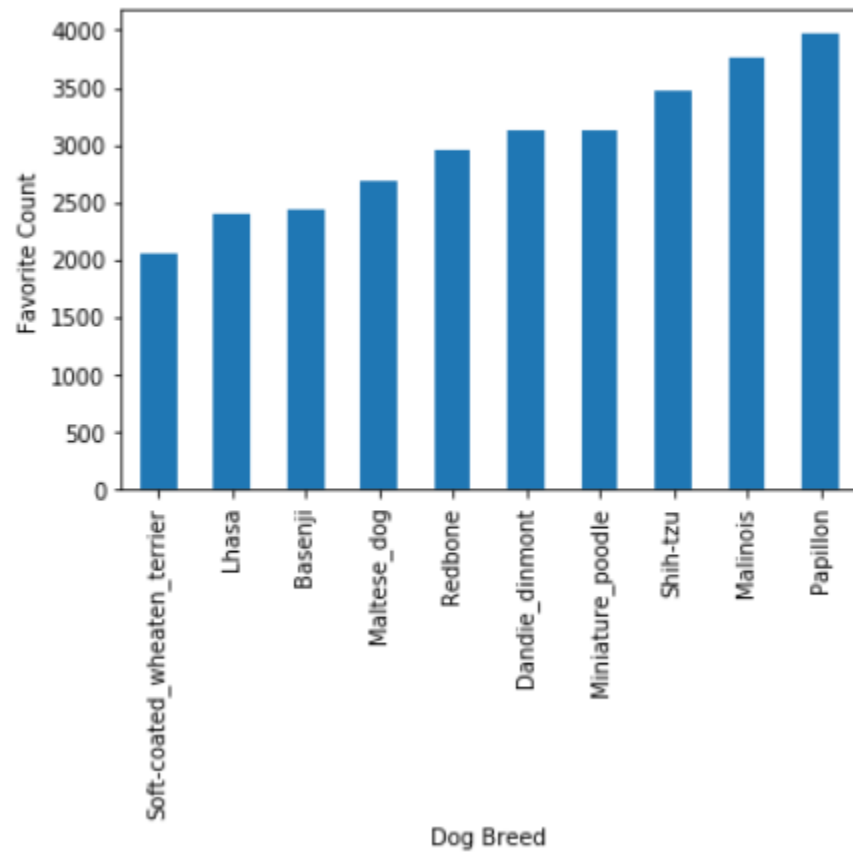

Figure 1

Figure 2

We notice we have four dog breeds that appear in the both bar chart, which can be considered as the top 4 dog breed.
Therefore, we conclude the top 4 dog breed are:

- Eskimo dog
- Border terrier
- Samoyed
- Cardigan

- For the dog stage we can conclude :

- The top dog stage is when it's a 'doggo' with a 'puppo'
- 2nd place: the 'puppo'.
- 3th place: the 'doggo'.
- The worst one is the 'pupper'

2/ Dog Stage:

The dog stage has a big influence on feedbacks, the dog stage in our dataset are four: Pupper, Puppo, Doggoand the Floofer (You can surf on the internet and look for the meaning of those dog stages).

Furthermore, sometimes put a picture of many dogs or put many pictures of different dogs so we find two dog stages at the same time.

Here we have we have two chart representing the mean rating (figure 3) and the favorite count (figure 4) for each dog stage.
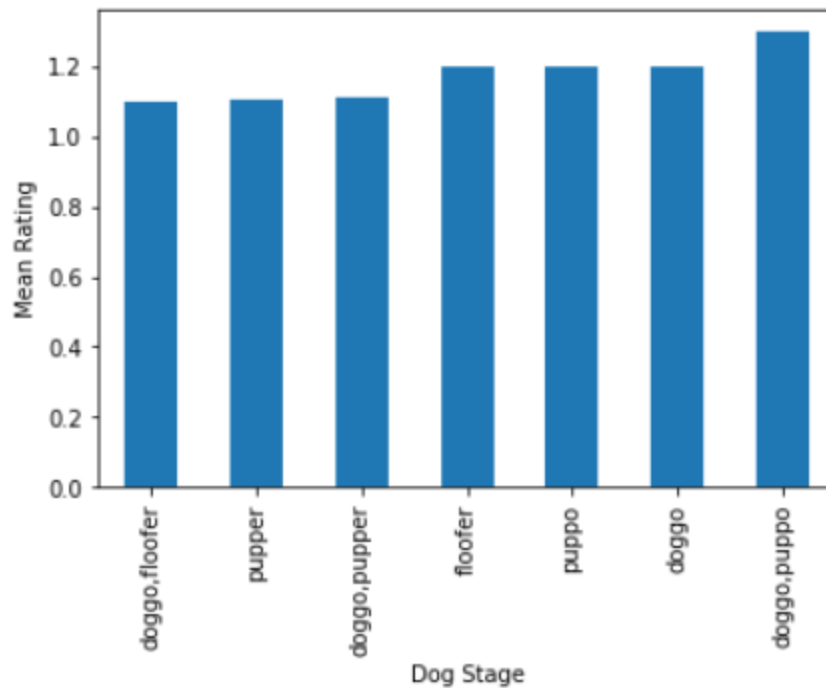

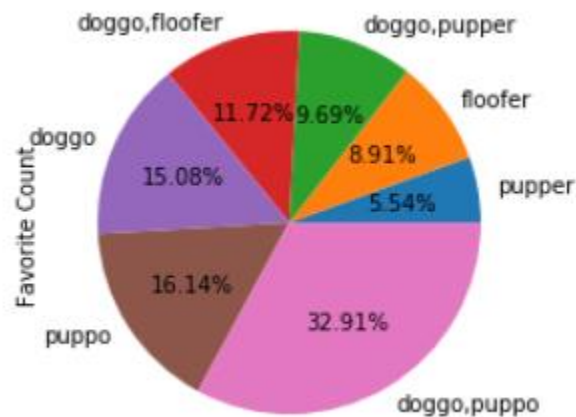*Figure 3: A bar chart representing the mean rating for each dog stage*

Figure 4 A pie chart representing the favorite count for each dog stage

From those two chart we can conclude :

- The top dog stage is when it is a 'doggo' with 'puppo'
- 2nd place : the puppo.
- 3th place : the doggo.
- The worst stage is the pupper.