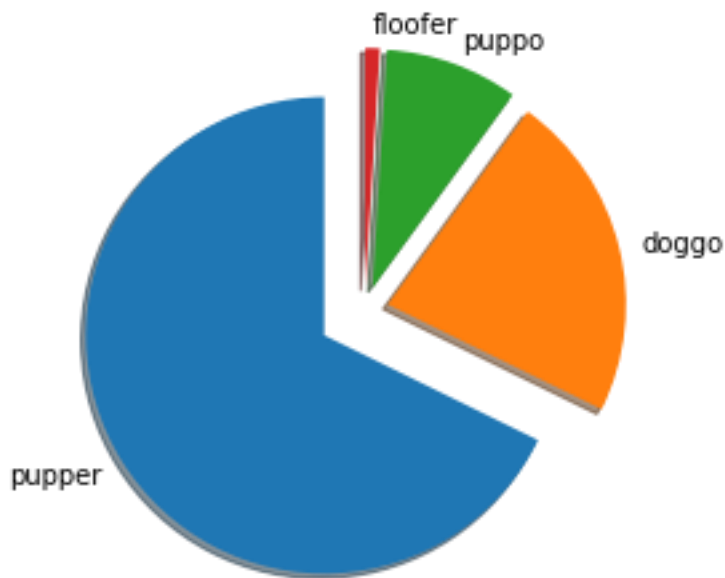
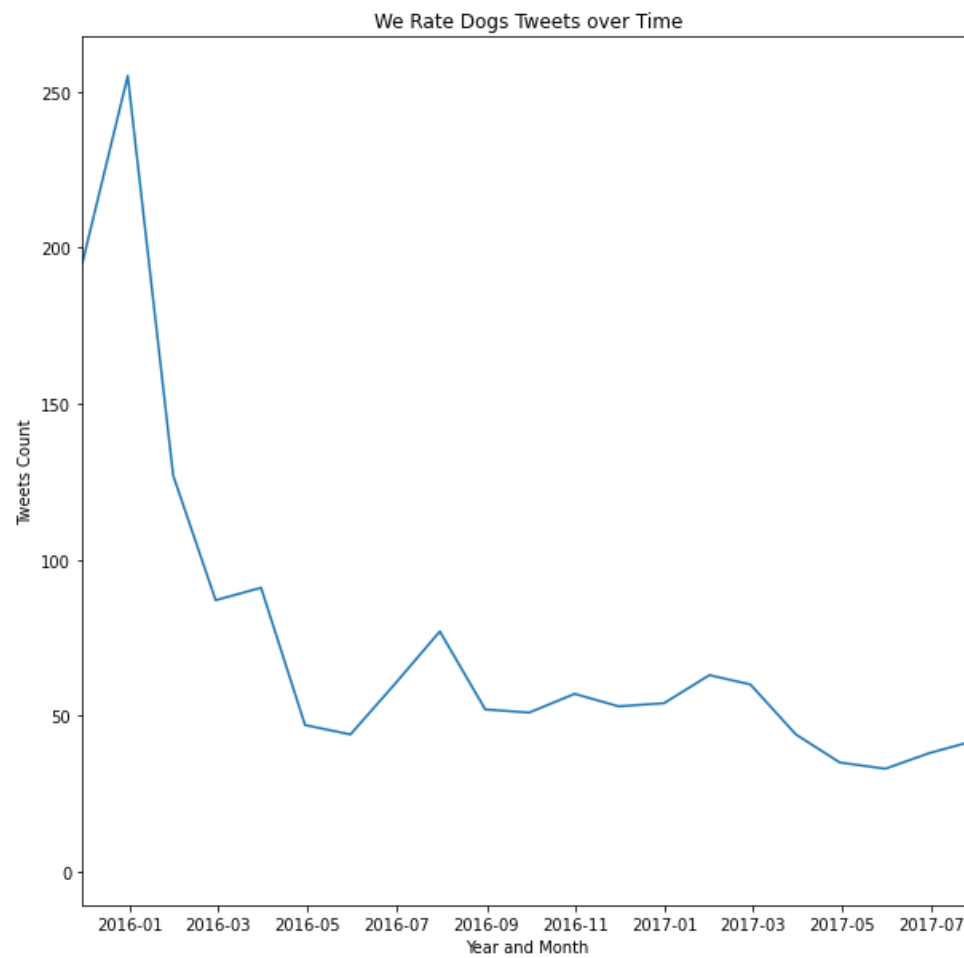
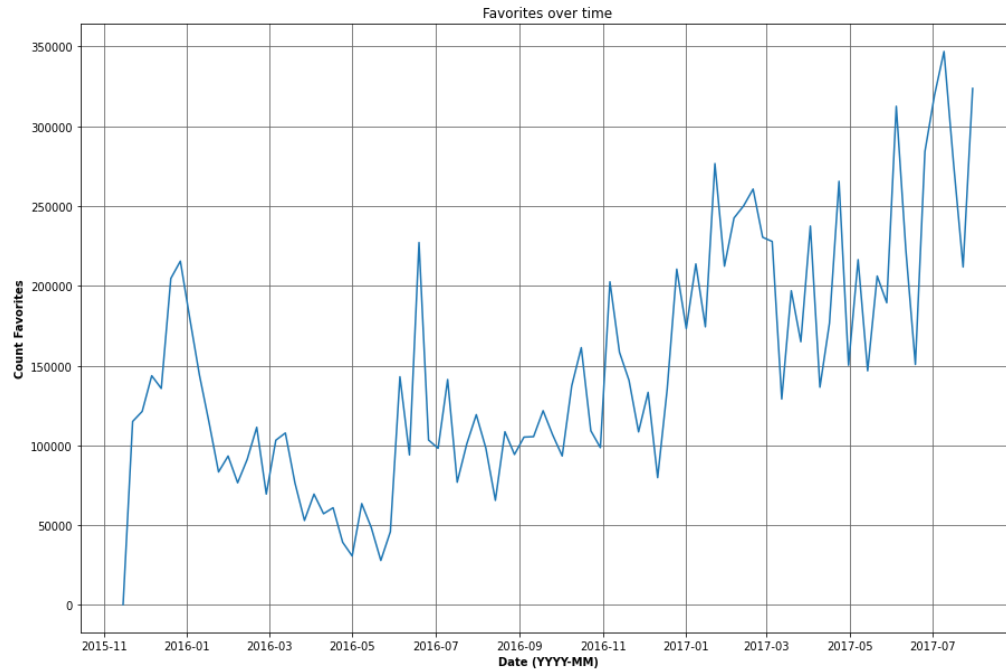


Act Report

We rate dog is a famous page on Instagram to rate the dogs according to the favorites and tweets. Using a dataset of over than 2000 entities was challengeable. We have first uploaded the data from different resources. URLS, name of dogs and ratings was stored in a csv file. They were not all with full name and they do not hold dog type. Combing the types and printing them is important to detect the denominated type of dogs in the dataset. According to the figure 1, we remark that the denominated type of dogs is pupper with more than two third of all the available dataset. Our aim from this study is to find about the success of the website in giving rating. Do the image structure has an influence in rating pictures. This is why we added a table resuming all the results of predicting dogs using machine learning.



The available csv tables lacks of the number of retweet and favorites. Therefore, we have accessed the twitted API on twitter developer to extract the number of tweet and favorites on the we rate dogs. Then we combine them with available archived data to denote the evolution of the website over time. According to figure 2 and 3, The number of retweets has decline since 2017. Instead, the number of favorites made increased by more than 10%.



Finally, we use the data on a neural network model who tried to predict the images if they are dogs or not. They used different testing with different confidence intervals. Instead, rows of jpg_url held duplicated data. Accordingly, we have deleted the rows with duplicates data. To compare the accuracy of the model to predict every type of the dogs. We have combined the data with the available archived data to see the accuracy in predicting each type. In the figure 4, we can see that the model fits well in predicting equally all the types of dogs, floofer, doggo, pupper and puppo.

