

Wrangle and Analyze Data

The story begins with the WeRateDogs Twitter account (dog_rates), it is an account who have been rating pictures of dogs over years so the account having a huge amount of dog pictures so for data scientists and who using the machine learning technology it's a great source for data .

So for us we only wants to analyze the data and do some cleaning to it to be easy to understand and analyze so our journey begins here in the first we needed to gather the data from different sources so we needed to use the twitter API to have access for the data in the account (for me I could not get the keys so I used the file from the project) , and the owner of the account thankfully he had downloaded the data for his account and send it to us so we can used it easily After that we had received Image Predictions File so now all the files are with us and that's the end of gathering data

After gathering we need to assess the quality and tidiness of the data so we start that and start to visualizing the data and focus on it to find the errors , I found some issues in the name of dog and tidiness issues with the dog stage and some columns names .

Now we have a problems that we defined the problems it's the time for cleaning , it is important part after assessing now is the time for cleaning and it is the fun part cause you will try to find the ways to fix it . I had some issues with solving some problems but after searching in the web I found the solutions for my problems and I understand them it is a good part of the project.

Now we arrive to analyzing the analyze phase was easy after we have cleaned most of the issues in the data set so that was very helpful and important. so, in the first I was wondering about the dog who has the best rating and I want to see it. So, after printed the image I will say it worth the rating. after that I wanted to know which are the most dogs stage that have been in this data set. Later I wanted to see which prediction phase have identified dog are the most? My last insight was about the names of dogs and I have been curios about which are most popular name for a dog.