

WeRateDogs :

[WeRateDogs](#) is a Twitter account that rates people's dogs with a humorous comment about the dog. The account was started in 2015 by college student Matt Nelson, and has received international media attention both for its popularity and for the attention drawn to social media copyright law when it was suspended by Twitter for breaking these aforementioned laws . ([Source: Wikipedia](#))

Data Analysis:

To analyze the data gathered from WeRateDogs; we have three datasets:

- a) Twitter enhanced: This data set contains the tweet IDs, texts and URLs
- b) df_json: this data frame contains tweet id and likes count, this will help us to analyze the popularity of each tweet.
- c) Image predictions dataset: Deep learning algorithms are used to predict the dog breed by analyzing the images associated with each tweet.

Insights and visualization:

a) The most popular dog:

No doubt that this cute dog deserves to get the most likes! :) for sure his moms like him



b) Fake images detector

We used the fake images detector to detect the tweets that didn't belong to dogs. We were amazed that some of the non-dog images got many likes. this shows us that the popularity of the tweet doesn't only depend on the dog image but also the sense of the humor of the tweeter .



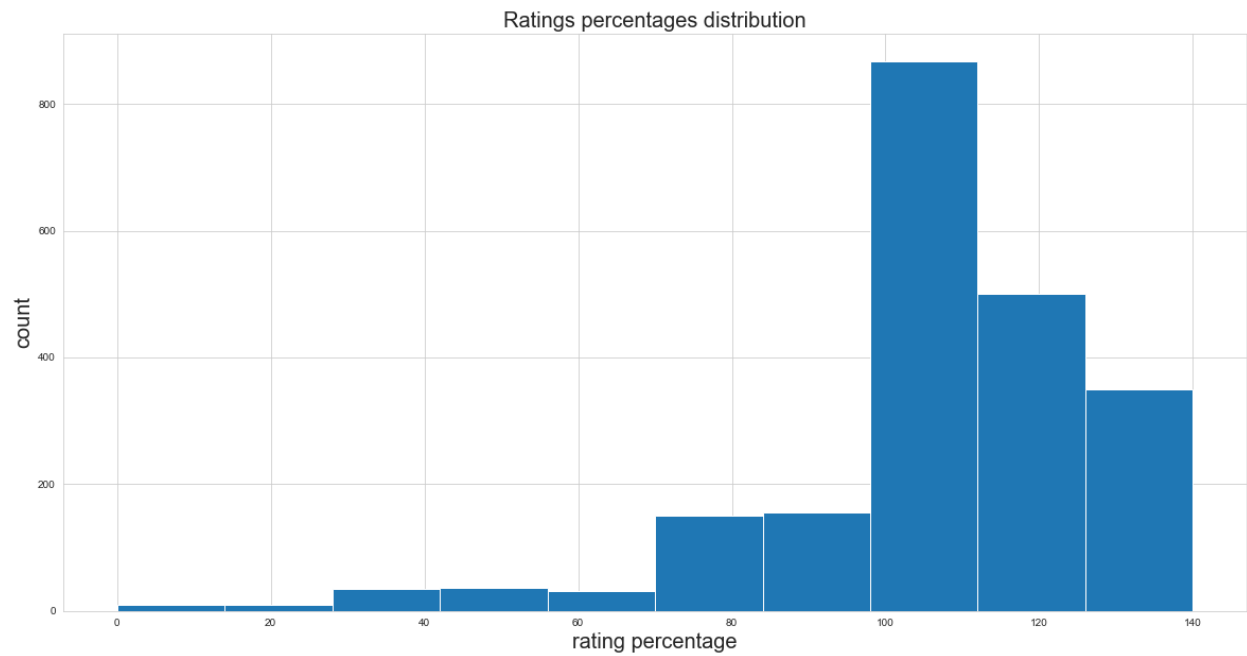
WeRateDogs® ✓
@dog_rates



Wow. Armored dog here. Ready for battle. Face looks dangerous. Not very loyal. Lil dog on back havin a blast.
5/10

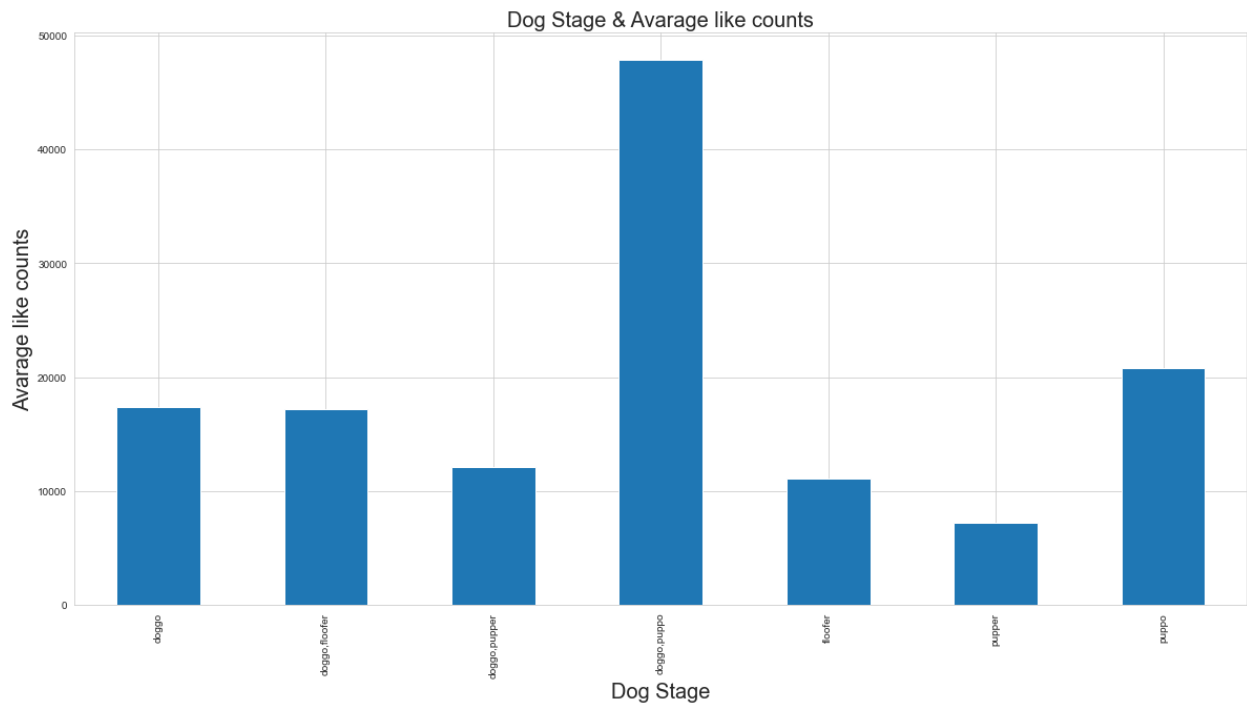


C) Ratings distributions:



D) Dog stages and average like counts

We will plot the average like counts for each dog stage



This shows us something , that the mean is not always the correct way to visualize as the doggo,puppo dog stage has the highest average mean although it was just one tweet.