act_report

* Create a **250-word-minimum written report** called "act_report.pdf" or "act_report.html" that communicates the insights and displays the visualization(s) produced from your wrangled data. This is to be framed as an external document, like a blog post or magazine article, for example.

In this project I have worked on data from WeRateDogs. WeRateDogs is a Twitter account (https://twitter.com/dog_rates) where people share pictures of their dogs and also rate it. The rating is usually a fraction with denominator 10 and numerator around 13. I had gathered data from Twitter API and two other different sources to show you:

What is the most frequent dog breed in the dataset?

(you can *somehow* interpret it as: what breed would you probably see more if you randomly walk into around 2000 people on earth?)

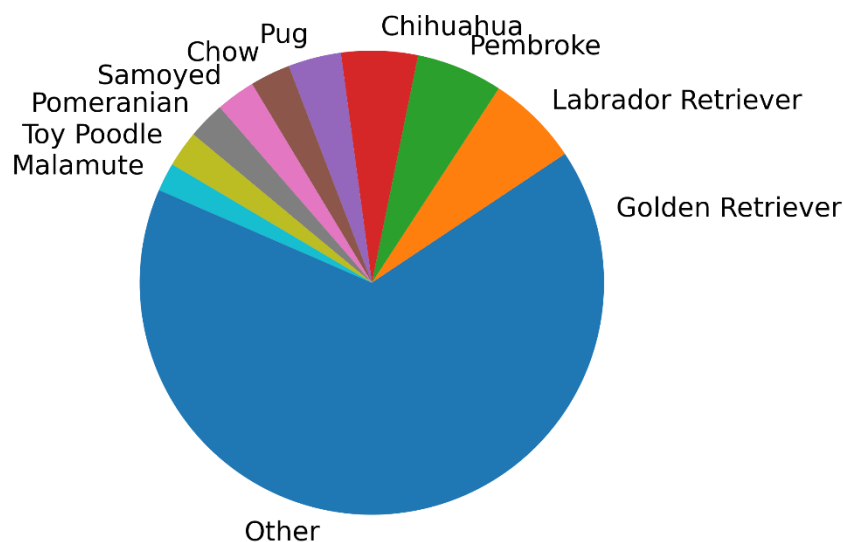Which breeds got the highest rating? (you can interpret this question as: what is the cutest breed?)

Dogs at which development stage make you be more lively to take a picture of them and share on twitter? 🙂

 (Accurately speaking- to which development stage do most of the dogs belong.)

The dataset is for the entries until August 1st, 2017.

The data was messy and dirty at first. I joined all three sources, removed irrelevant, redundant and wrong data to have a more precise conclusion.
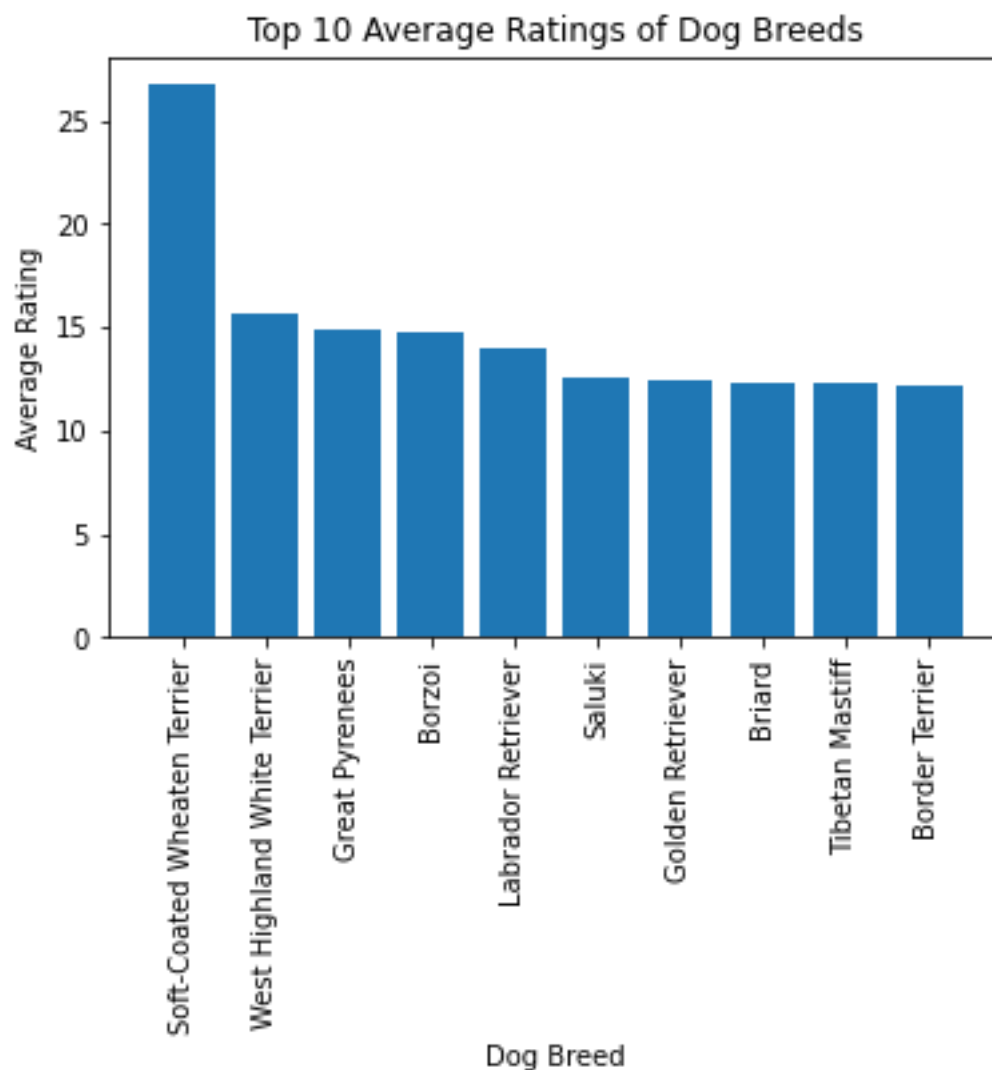
The Most Common Breeds of Dogs on We Rate Dogs

As you can see this Golden Retrievers, Labrador Retrievers, and Pembroke / Welsh Corgis were the most popular. Meanwhile, Japanese Spaniels, Clumber Spaniels, Groenendaels, Silky Terriers, Entlebuchers, Scotch

Terriers, and Standard Schnauzers were the least common. We can conclude this from the number of ratings for each breed from the table blew.

breed	counts
Golden Retriever	137
Labrador Retriever	94
Pembroke	88
Chihuahua	78
Pug	54
Chow	41
Samoyed	40
Pomeranian	38
Toy Poodle	37
Malamute	29
Cocker Spaniel	27

The Oscar of cutest, highest rated breed goes to the Soft-Coated Wheaten Terrier, the West Highland White Terrier, and the Great Pyrenees. Meanwhile, the Japanese Spaniel had the lowest average numerator rating of 5.

Top 10 Average Ratings of Dog Breeds

Last but not least, most dogs in this dataset were puppers.

Growth Stage	Counts
pupper	201
doggo	73
puppo	22
floofer	7

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