WeRateDogs Visualization Report
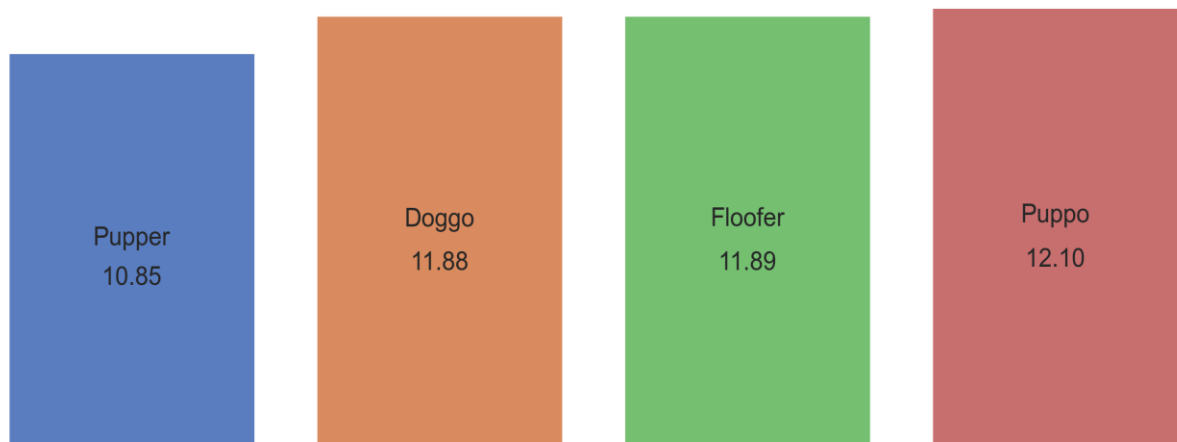
In this project I have done all the **Data Wrangling** process, i.e., *gathering*, *assessing* and *cleaning*, then I *explored* and *analyzed* the data to find some answers for my questions, and finally, I *visualized* what I have found and displayed that in this slideshow.

My Questions and The Answers:

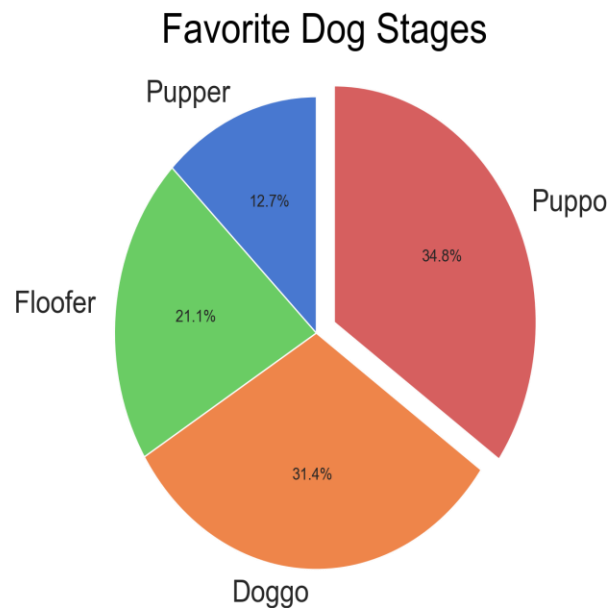1. Which dog stage has the highest rate on average

   Puppo has the highest average rate among the other stages, followed by **Floofer**, **Doggo** and **Pupper** respectively.

2. Which dog stage has the highest favorite counts?

   Well, **Puppo** still on the lead, but **Doggo** took a step in the rankings followed by **Floofer** and **Pupper** respectively!!
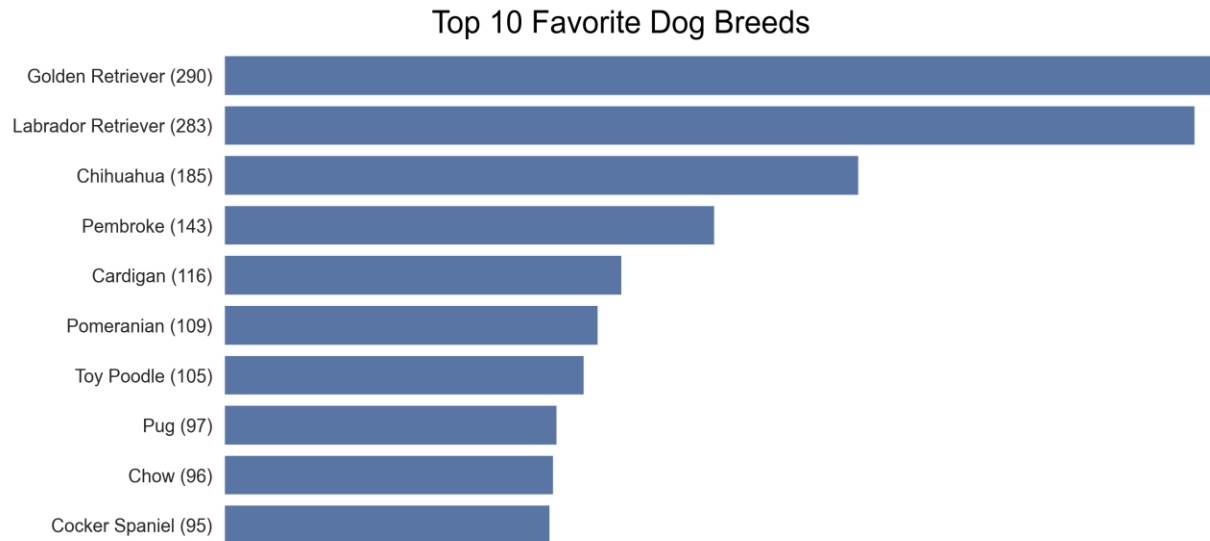
3. How good our neural network in predicting the dogs breed correctly?
    It looks like we have a good neural network with almost **0.73%** accuracy in predicting dog breeds.

4. What are the top 10 frequent breeds in our tweets data?
    Golden Retriever, **Labrador Retriever** and **Chihuahua** are our top 3 breeds followed by the rest as shown below.

Top 10 Favorite Dog Breeds

Breed	
Golden Retriever (290)	
Labrador Retriever (283)	
Chihuahua (185)	
Pembroke (143)	
Cardigan (116)	
Pomeranian (109)	
Toy Poodle (105)	
Pug (97)	
Chow (96)	
Cocker Spaniel (95)	

Conclusion:

1. The order of dog stages average rate are **Puppo**, **Floofer**, Doggo and **Pupper** respectively.
2. The most favorite dog stages in **WeRateDogs** tweets are **Puppo**, **Doggo**, **Floofer** and **Pupper** respectively.
3. We have a good neural network with almost **0.73%** accuracy in predicting dog breeds.
4. **Golden Retriever**, **Labrador Retriever** and **Chihuahua** are our top 3 frequent breeds.