In this report, I'll be walking you through the analyzation and visualization of the twitter master data frame. For the course of this project, I sought to draw out five analysis and three visualizations from the twitter master data frame.

Insights

1. What is the most common dog stage?
2. What is the most common dog breed?
3. What is the most common tweet source?
4. What dog stage has the highest average retweet counts?
5. What is the most common dog names?

Question 1: What is the most common dog stage?

Pupper 170

Doggo 57

Puppo 25

Floofer 3

Insight: We can deduce that Pupper is the most common dog stage followed by Doggo, Puppo and Floofer.

Question 2: What is the most common dog breed?

Golden retriever 148

Labrador retriever 101

Pembroke 91

 Chihuahua 88

 Pug 62

Insight: After analysis, we find out that Golden retriever, Labrador retriever, Pembroke, Chihuahua and pug are the most common dog breed.

Question 3: What is the most common tweet source?

Twitter for iphone

Twitter web client

Tweet deck

Insight: Twitter for iphone turns out to be the most common tweet source.

Question 4: What dog stage has the highest average retweet count?

Floofer 8529

Puppo 7134

Doggo 5466

Pupper 2059

Insight: Floofer has the highest average retweet count

Question 5: What is the most common dog name?
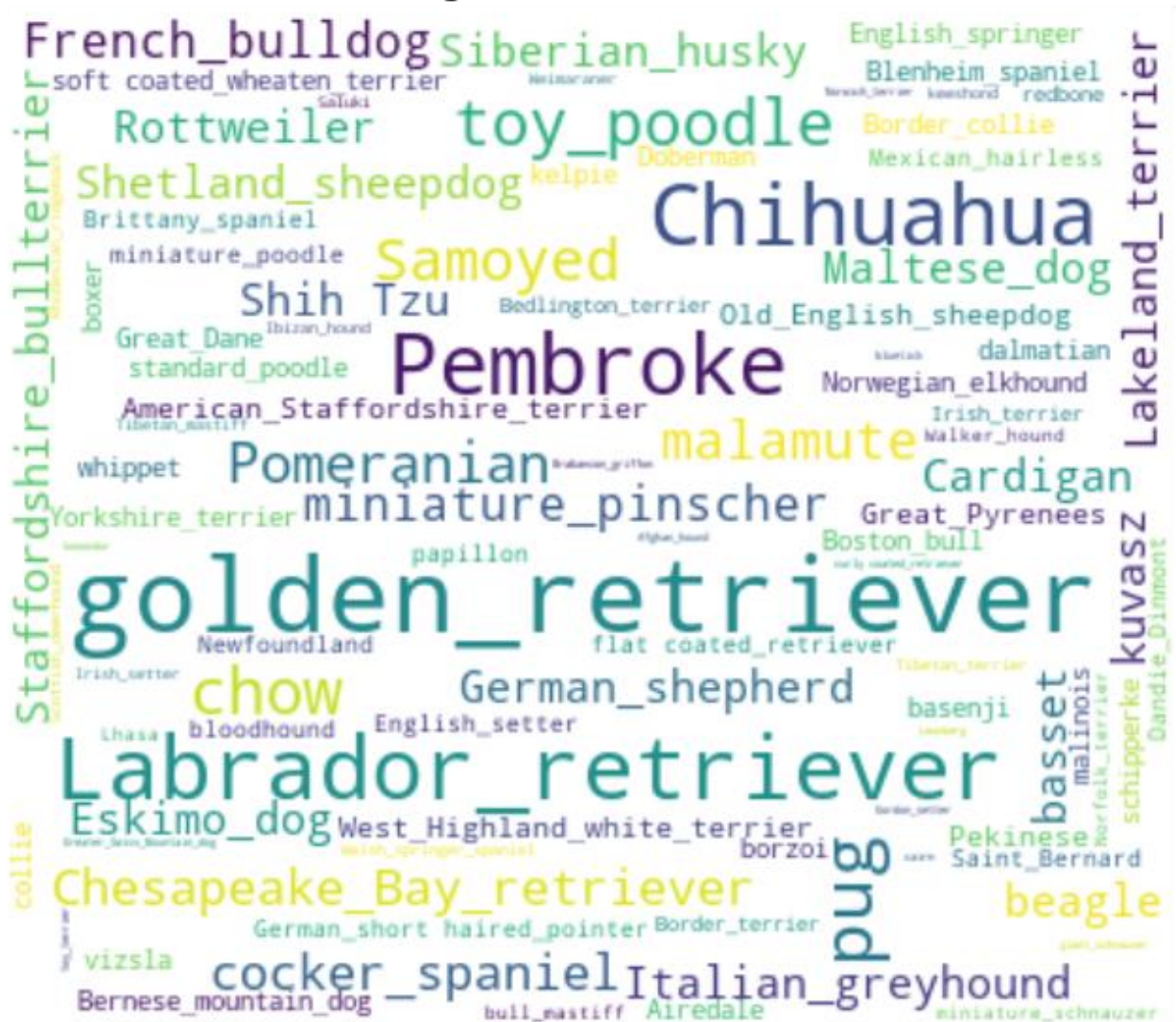
Lucy 10

Charlie 9

Cooper 9

Tucker 9

Penny 8

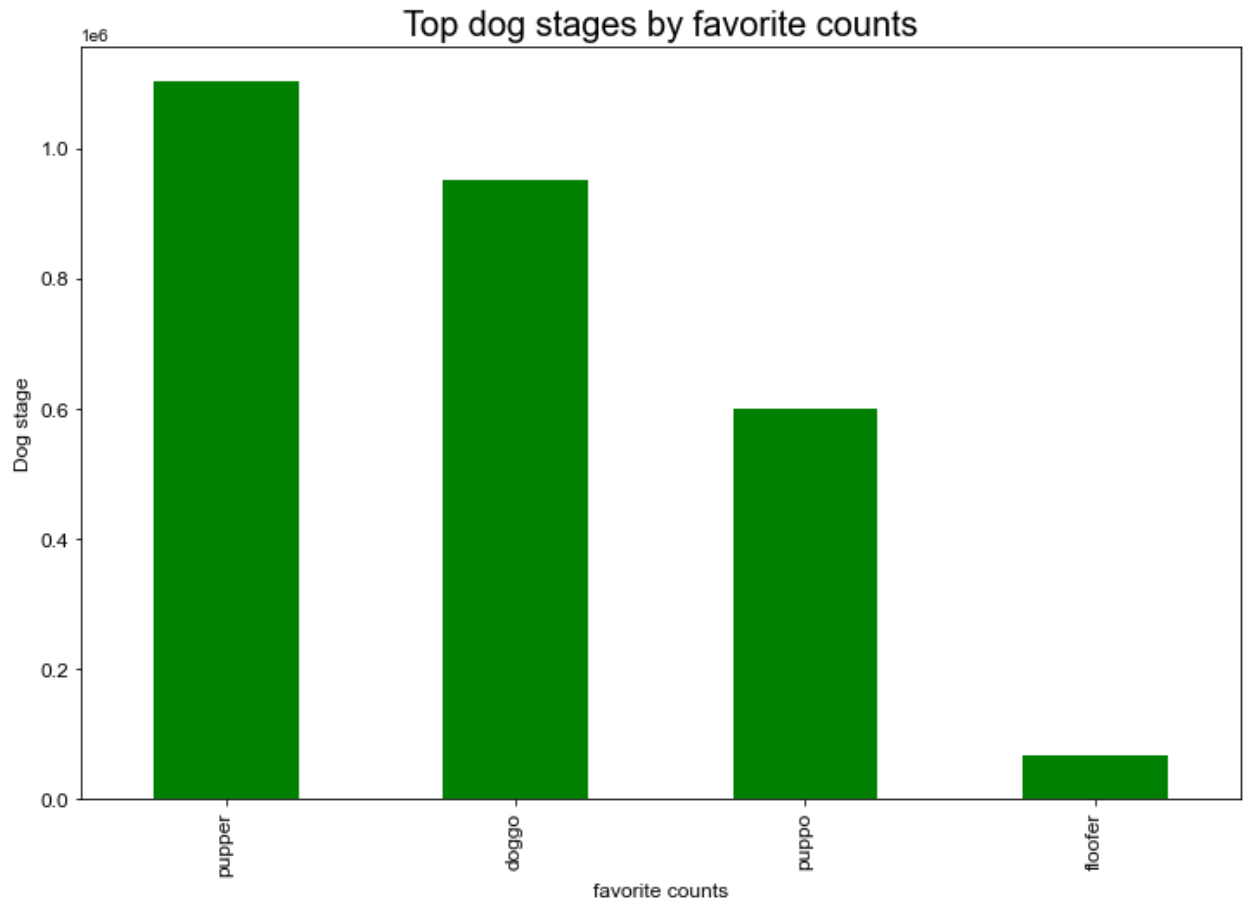**Insight: Lucy is the most common dog name**

VISUALIZATION

I produced three visualizations from the twitter master data frame

1. Word cloud showing insights on dog breeds.

Dog Breed Wordcloud

2. A bar chart showing dog stage by favorite count

Top dog stages by favorite counts

3. A scatter plot showing the correlation between retweet count and favorite count