

WeRateDogs Data Insights and Visualization

This report contains the insights and visualization gotten from the master CSV file. The questions alongside the answers and visuals will be captured in this report.

Note, Because of the unique rating system used by WeRateDogs it was decided it will not be tampered with. During the assessing and cleaning process.

The following questions were asked;

- 1) What dog breed is common across this data frame?
- 2) What are the most popular dog names?
- 3) What are the most popular dog breeds with the names gotten above?
- 4) What dog breed has the highest average favorite counts?
- 5) What about the highest average retweet?
- 6) What dog class has the highest average favorite counts?
- 7) Is there a correlation between a retweet and favorite count?
- 8) What is the most popular source of our data?
- 9) What is the most popular dog class?
- 10) Who are the top 5 dogs with the highest favorite counts, also what is their breed?

Question 1: What dog breed is common across this data frame?

```
golden_retriever    139
Labrador_retriever  95
Pembroke            88
Chihuahua           79
pug                 54
```

Conclusion:

After querying the data frame, it shows that **Golden retrievers are the most common dog breeds** in the data frame

A picture showing the top 5 common dog breeds.

Question 2: What are the most common dog names?

```
charlie    11
cooper     10
oliver      9
tucker      8
lucy        8
```

Conclusion:

Charlie has the highest amount of dog name occurrences.

A picture showing the top 5 common dog names

Question 3: What are the most popular dog breeds with the names gotten above?

For Charlie

Labrador_retriever	2
Chihuahua	2
Great_Dane	2
Old_English_sheepdog	1
kelpie	1
French_bulldog	1
golden_retriever	1
toy_poodle	1

Conclusion:

Labrador retriever, Chihuahua and Great Dan make up a fair percentage of dog breeds among dogs named Charlie

A picture, showing the most popular dog breeds among dogs named Charlie

Question 4: What dog breed has the highest average favorite counts?

dog_breed	
Saluki	24060
French_bulldog	17913
Afghan_hound	17326
black-and-tan_coonhound	17012
flat-coated_retriever	16791

Conclusion:

Saluki breed has the highest average favorite (like) count. So with a little bit of good camera quality and dog styling, it most assured that according to this analysis you will get a good amount of likes for your dog's

Top 5 highest mean favorite count

Question 5: What dog breed has the highest average retweet counts?

standard_poodle	6631
Afghan_hound	5976
English_springer	5973
Saluki	5133
Eskimo_dog	4768

Conclusion:

Standard poodle breed has the highest average retweet count. Therefore, with a little bit of good camera quality and dog styling, it most assured that according to this analysis you will get a good amount of retweets for your dog's picture if it is a standard poodle.

Top 5 highest mean retweet count

Question 6: What dog class has the highest average favorite counts?

```
dog_class
doggo, puppo    47844
puppo           22308
doggo           20556
doggo, floofer  17169
floofer         13206
doggo, pupper   13007
pupper          8048
```

A picture showing average favorite counts by dog stage classification

Conclusion:

Dogs that fall under the duggo, and puppo dog stage.

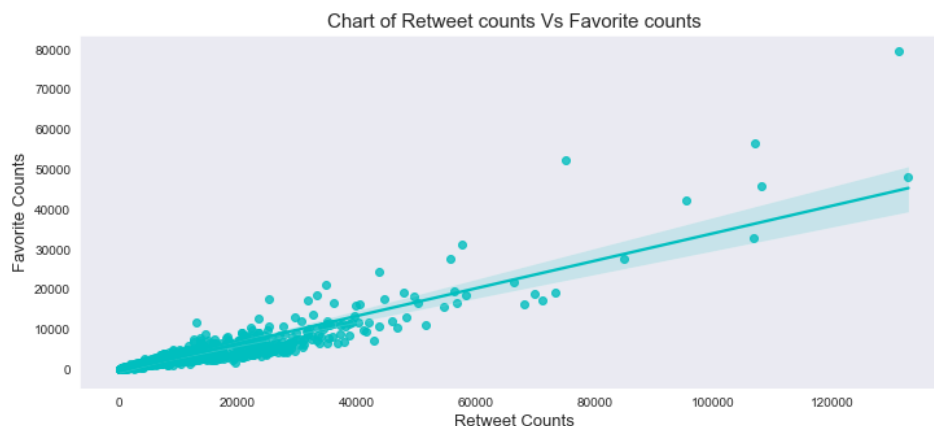
For more context, these are just slangs used for dog age or maturity stages

Duggo- Any dog

Puppo- A puppy

With that being said, the average like for puppo's is 70,000+ likes. Way more likes that the remaining dog stages

Question 7: Is there a correlation between retweets and favorite count?



A picture showing the correlation between retweets and favorite counts.

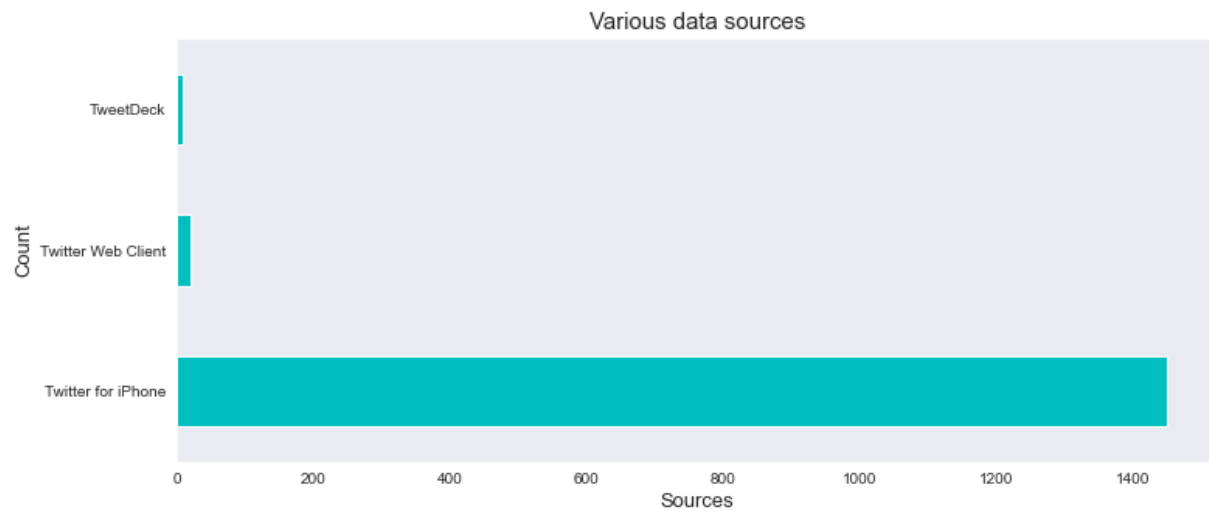
Conclusion:

The chart shows a positive correlation

The Correlation Between retweet And favorite(like) counts is: 0.9109119434543956 which indicates that there is a strong (positive) correlation between the two measures

As retweet count increases, favorite counts increases as well.

Question 8: What is the most popular source of our data?



A chart showing various data sources

Conclusion:

From the chart, it is clear Twitter for iPhone is the top source for this dataset. Most of the data in `tw` `t_arc_clean` was gotten through iPhone.

Question 9: What is the most popular dog class?

pupper	144
doggo	48
puppo	19
doggo, pupper	8
floofer	7
doggo, puppo	1
doggo, floofer	1

Conclusion:

Puppers are the most popular dog class

A picture showing the most popular dog class

Question 10: Whom are the top 5 dogs with the highest favorite counts, also what is their breed?

	dog_name	jpg_url	favorite_count	dog_breed
249	NaN	https://pbs.twimg.com/media/C2tugXLXgAArJO4.jpg	132810	Lakeland_terrier
617	NaN	https://pbs.twimg.com/ext_tw_video_thumb/74423...	131075	Labrador_retriever
51	duddles	https://pbs.twimg.com/ext_tw_video_thumb/87941...	107956	English_springer
326	stephan	https://pbs.twimg.com/ext_tw_video_thumb/80710...	107015	Chihuahua
95	jamesy	https://pbs.twimg.com/media/DAZAUfBXcAAG_Nn.jpg	106827	French_bulldog

A chart showing the top 5 dogs with the highest favorite count alongside their breed

Conclusion:

Coming at no 1; Sadly there's no name with 132,810 likes. Wow!
I bet she/he is worth the likes
visualizing 'this mystery dog' to see what she/he looks like.



A picture of the winner (highest favorite counts)