

# act\_report

January 14, 2023

## 0.1 Reporting: act\_report by Abdulraqib Omotosho

This document communicates all the insights and displays the visualizations I produced from the data I wrangled.

### 0.1.1 Insights and Visualizations

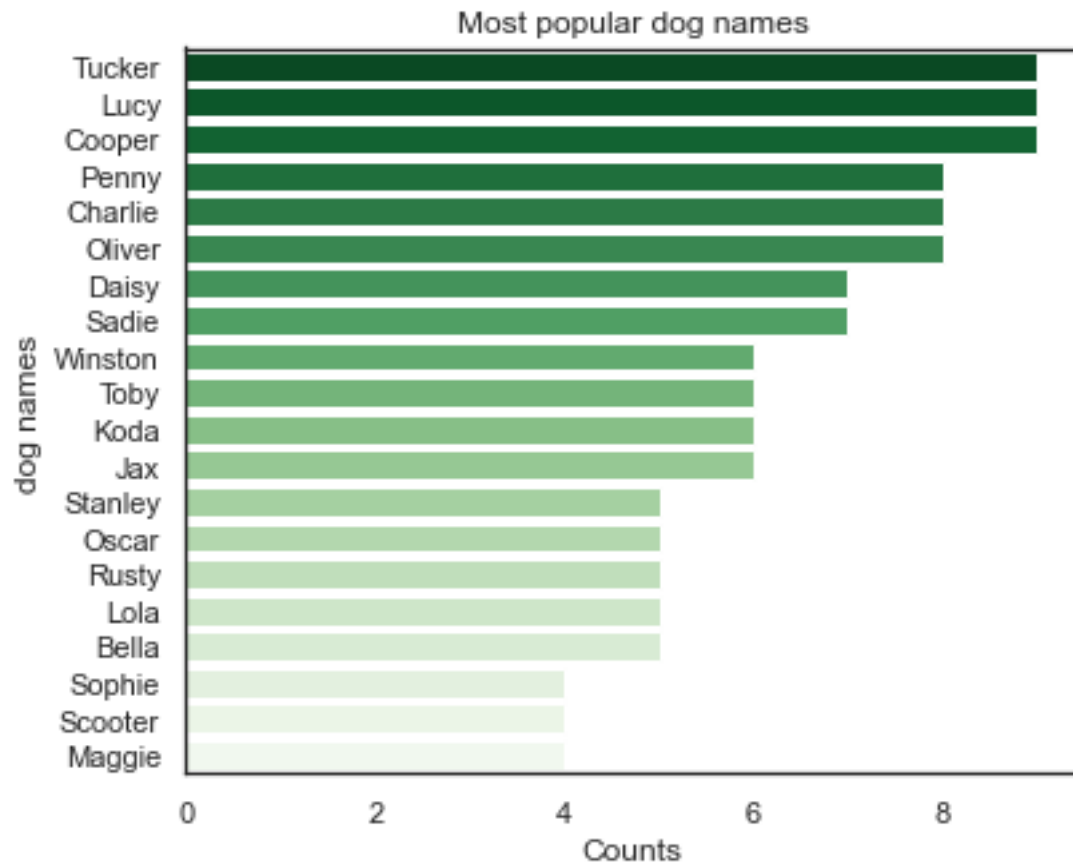
- Most popular dog names: Tucker, Lucy and Cooper
- Most popular dog type: Pupper
- Dog type with the highest confidence interval: Doggo
- Most popular dog breeds: golden\_retriever
- Most rated dog breeds: golden\_retriever
- Highest Mean retweet counts of dog types: doggo at 4914.918033
- Highest Mean retweet counts of dog breeds: Bedlington\_terrier at 6562.333333
- The average count of the most liked dog types: doggo at 15632.688525
- The average count of the most liked dog breeds: Bedlington\_terrier at 20995.666667
- The most popular source of tweets: Twitter for iPhone (1584)
- The highest average retweet counts by on dog names: Stephan at 50687.00

```
[18]: from PIL import Image
import requests
from io import BytesIO
```

- Most popular dog names

```
[7]: Image.open('popular dog names.png')
```

```
[7]:
```



```
[9]: Image.open('tucker.jpg')
```

```
[9]:
```

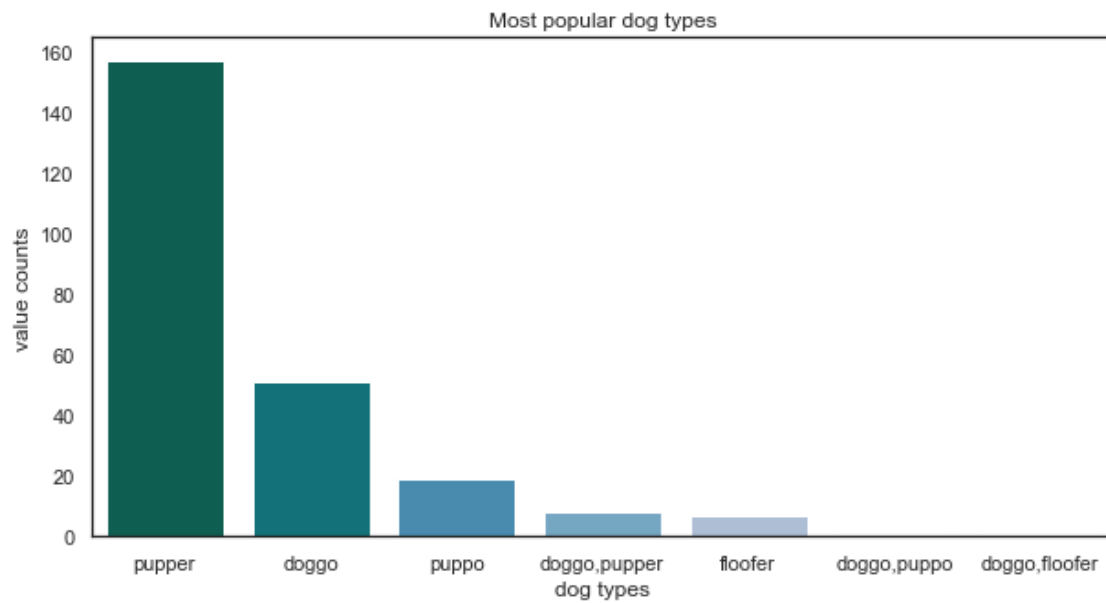


The Tucker, Lucy and Cooper names are the most popular

- What dog types are the most popular

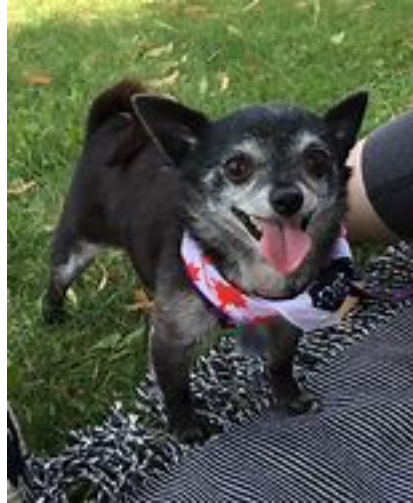
```
[11]: Image.open('pop_dog_type.png')
```

```
[11]:
```



```
[22]: url = 'https://th.bing.com/th/id/OIP.e0cFoGuuo-aYX2m5LvVGjQHaJA?
↪w=155&h=188&c=7&r=0&o=5&pid=1.7'
response = requests.get(url)
img = Image.open(BytesIO(response.content))
img
```

[22]:

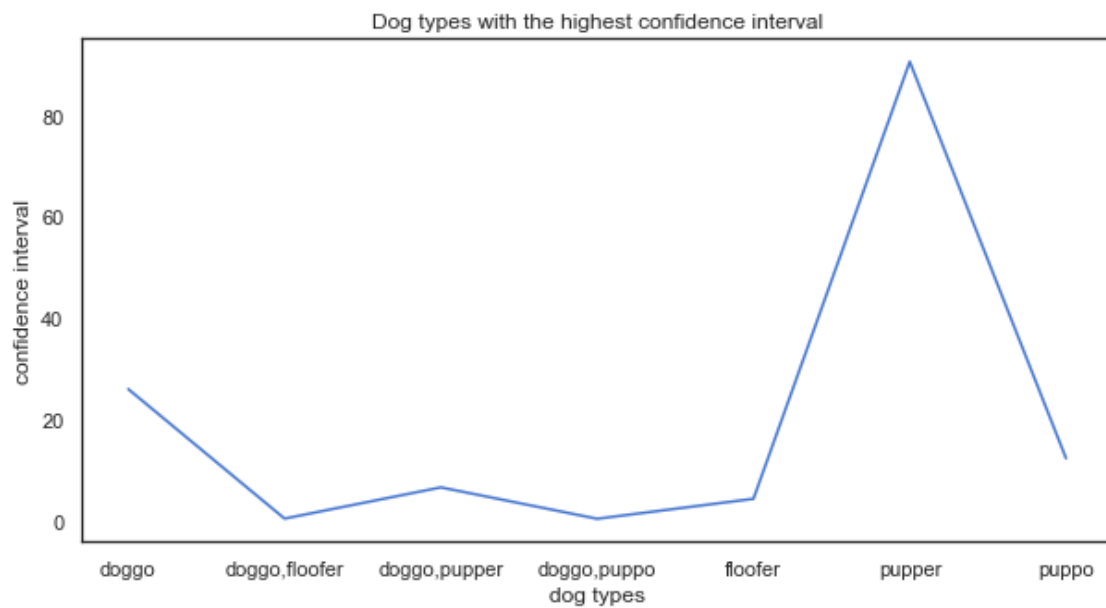


Pupper is the most popular dog type

- Which dog has the highest confidence interval

```
[13]: Image.open('highest_conf_type.png')
```

[13]:

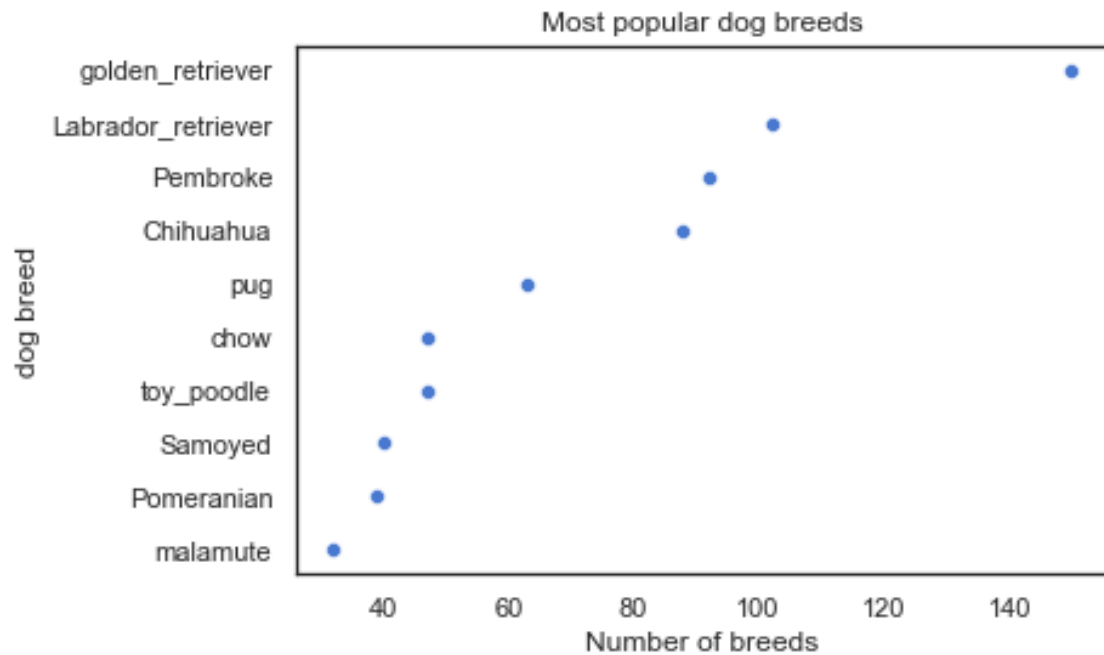


Pupper has the highest confidence interval

- Most popular dog breeds

```
[25]: Image.open('pop dog_breed.png')
```

```
[25]:
```



```
[35]: Image.open('gr.jpg')
```

```
[35]:
```

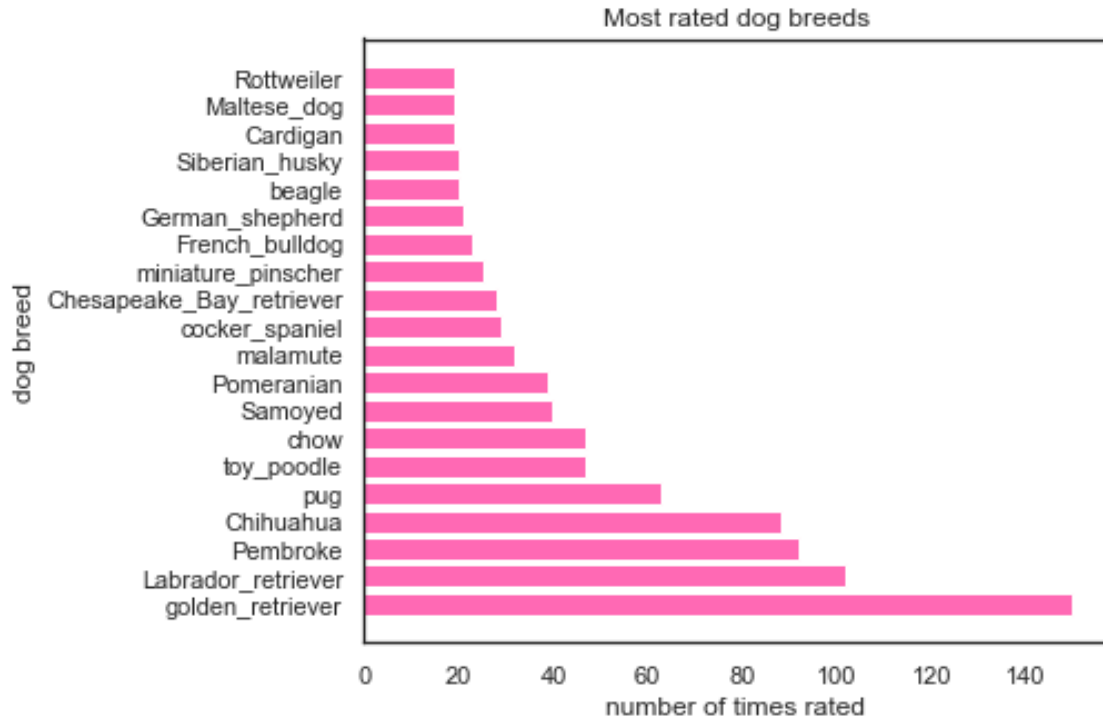


golden\_retrievers are the most popular dog breeds

- Most rated dog breeds

```
[26]: Image.open("most rated dog breed.png")
```

```
[26]:
```

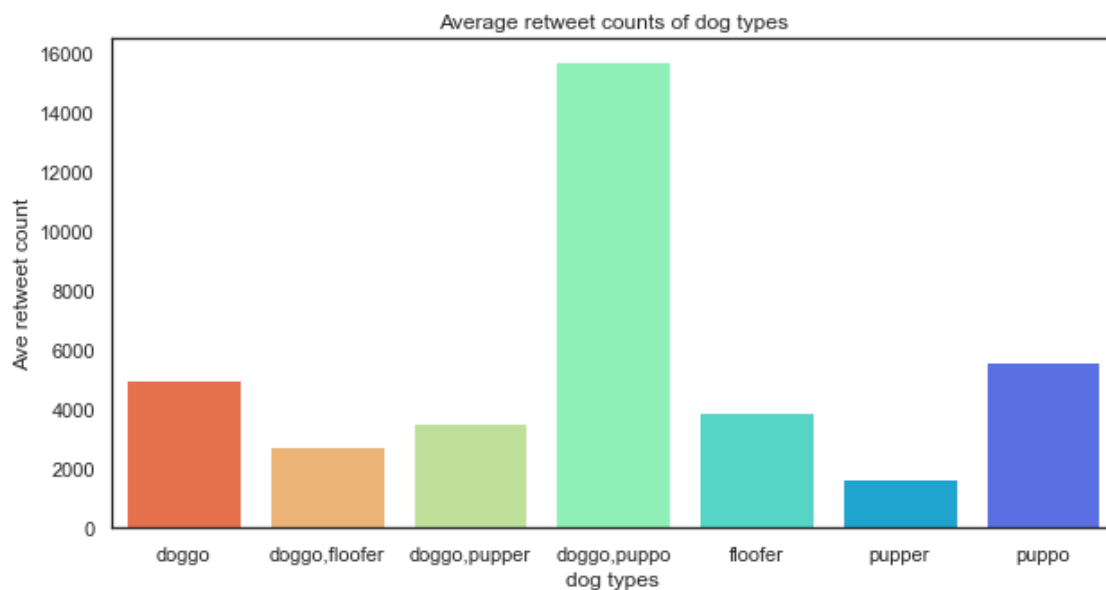


Rottweilers are the dogs rated the most times

- Mean retweet counts of dog types

```
[28]: Image.open('Average retweet counts of dog types.png')
```

```
[28]:
```

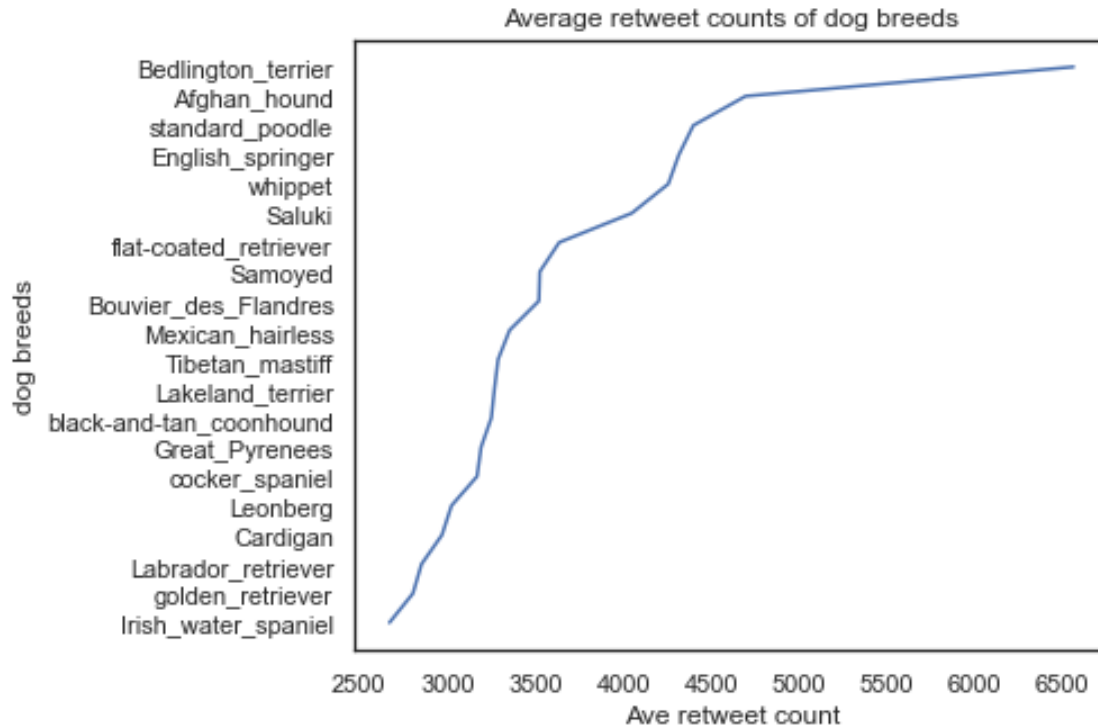


Puppo has the highest average retweet counts of any dog types

- Mean retweet counts of dog breeds

```
[29]: Image.open('Mean retweet counts of dog breeds.png')
```

[29]:



```
[30]: url = 'https://www.bing.com/th?id=0IP.  
↪2rttVQD4xyJiPcn1hELLQHaE7&w=306&h=204&c=8&rs=1&qlt=90&o=6&pid=3.1&rm=2'  
response = requests.get(url)  
img = Image.open(BytesIO(response.content))  
img
```

[30]:

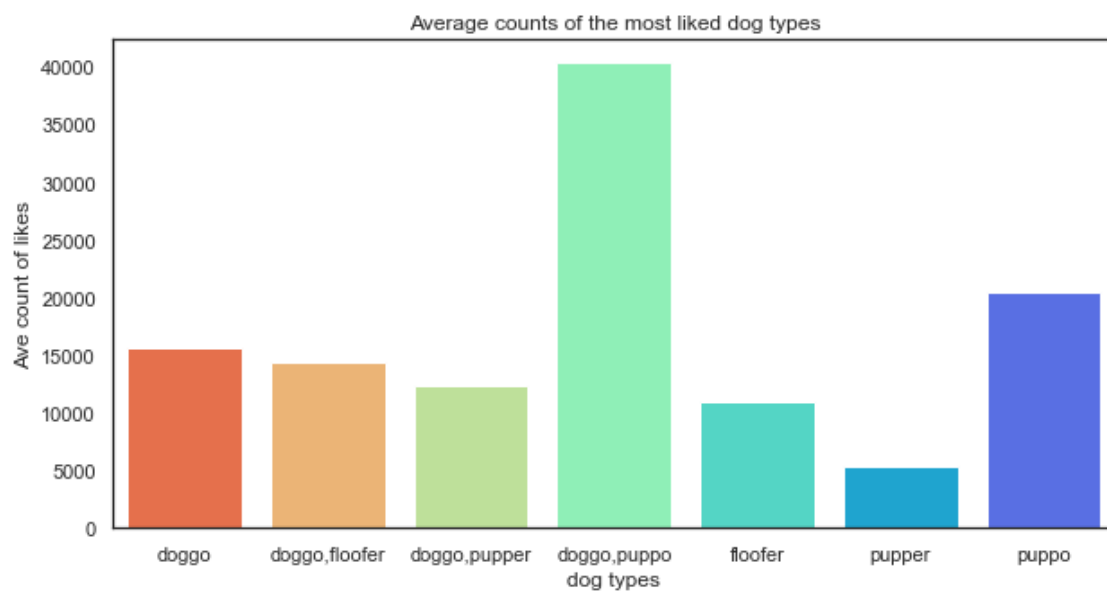


Bedlington\_terrier has the highest average retweet counts of any dog breeds

- The average count of the most liked dog types

```
[31]: Image.open('average count of the most liked dog types.png')
```

```
[31]:
```



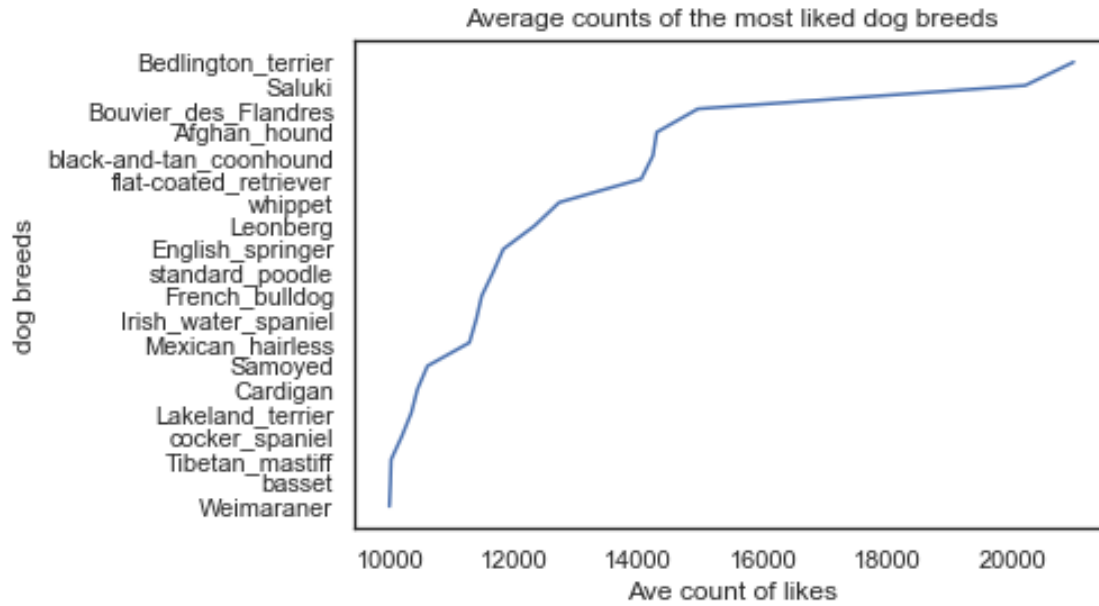
Puppo are the dogs with the highest favorite counts of any dog types

- The average count of the most liked dog breeds

```
[32]: Image.open('average count of the most liked dog breeds.png')
```



[32]:

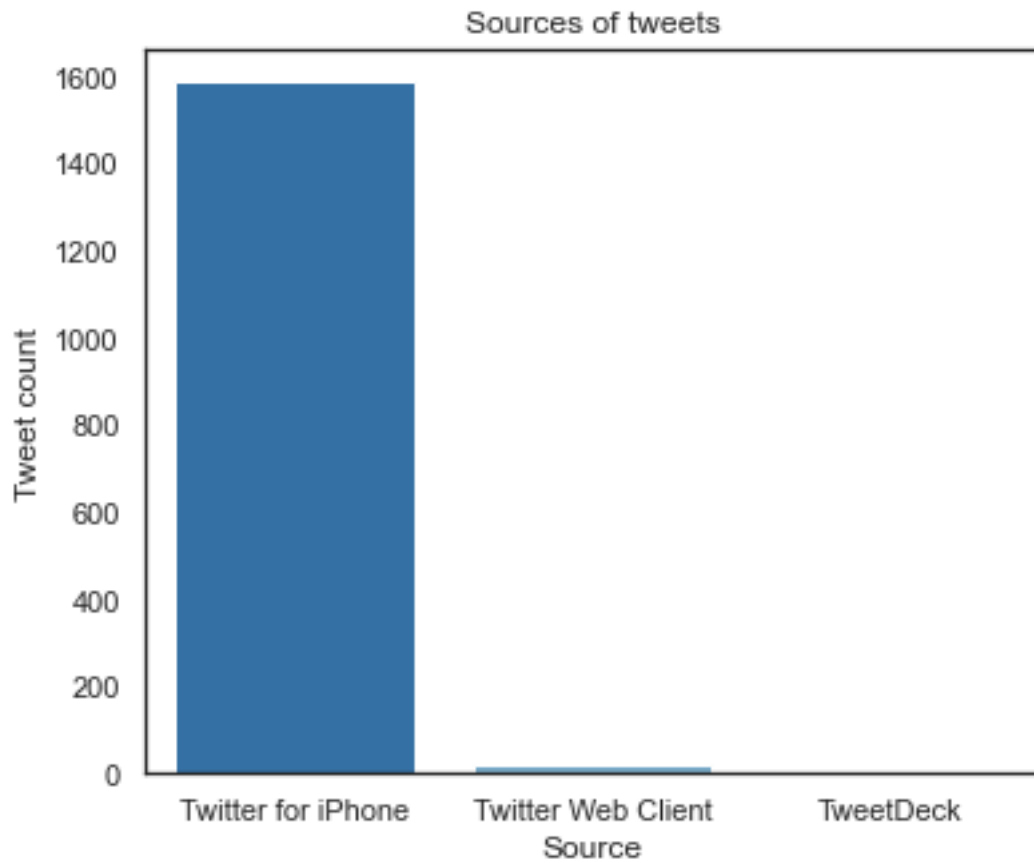


Bedlington\_terrier are the dogs with the highest favorite counts of any dog breeds

- The most popular source of tweets

[33]: `Image.open('source of tweets.png')`

[33]:

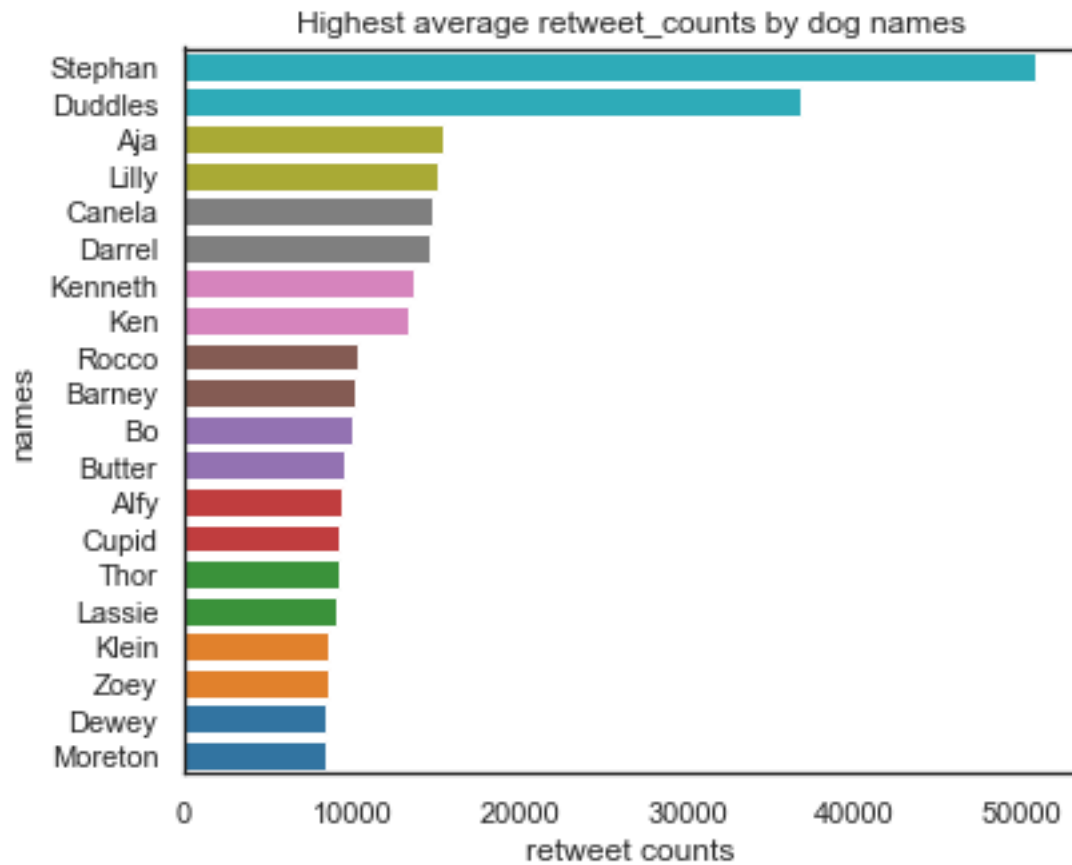


Most tweets where from an iPhone

- The highest average retweet counts by dog names

```
[34]: Image.open('average retweet counts by dog names.png')
```

```
[34]:
```



Dogs named **Stephan** had the highest average retweet counts

- Word Cloud of dog breeds

```
[36]: Image.open('word cloud.png')
```

```
[36]:
```

Word Cloud of dog breeds

