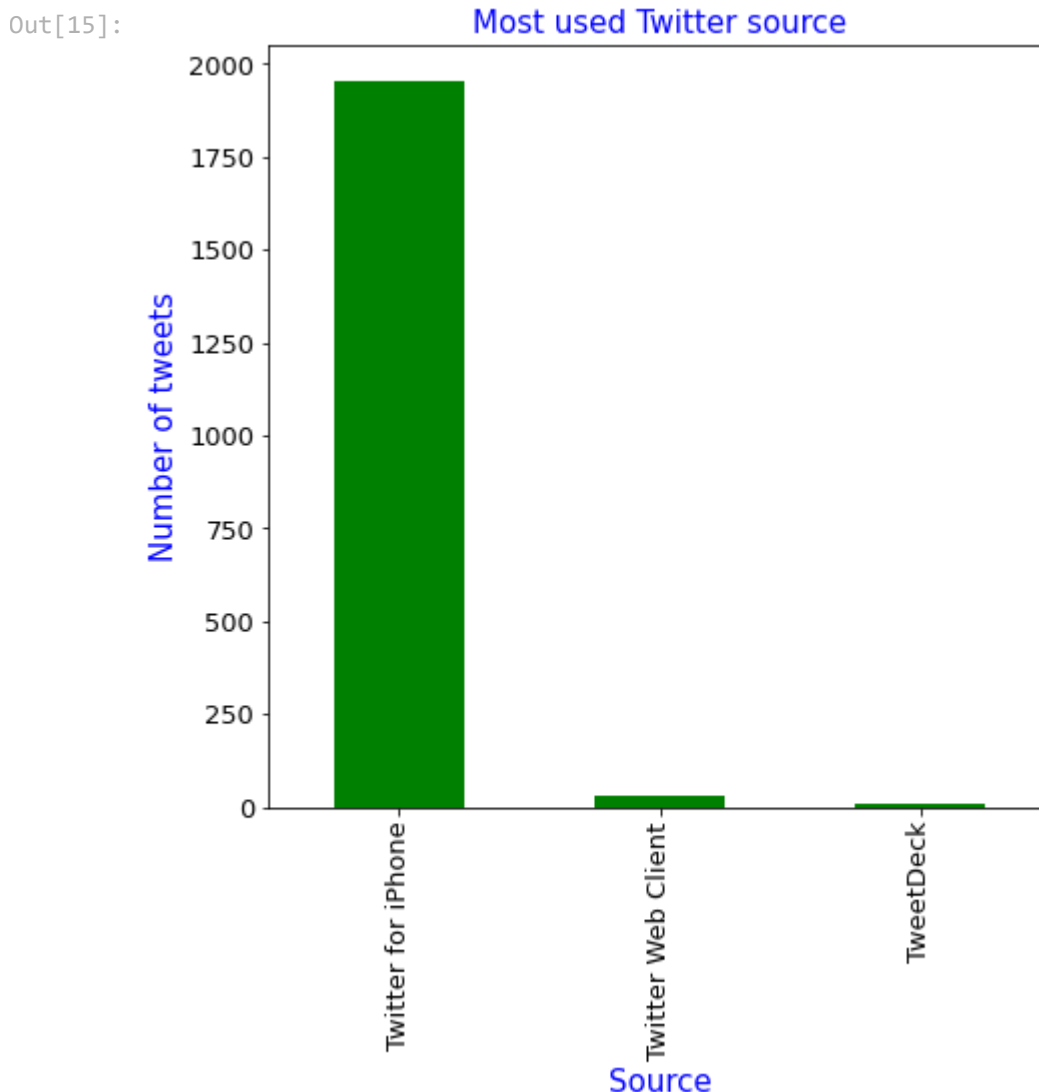# We Rate Dogs Data analysis and visualization

WeRateDogs is a Twitter account that rates people's dogs with a funny comment about the dog.

Acumen

Most used Twitter Source

In [15]:
```python
###https://stackoverflow.com/questions/11854847/how-can-i-display-an-image-from-a-file-
from IPython.display import Image
Image(filename='most used twitter source.png')
```
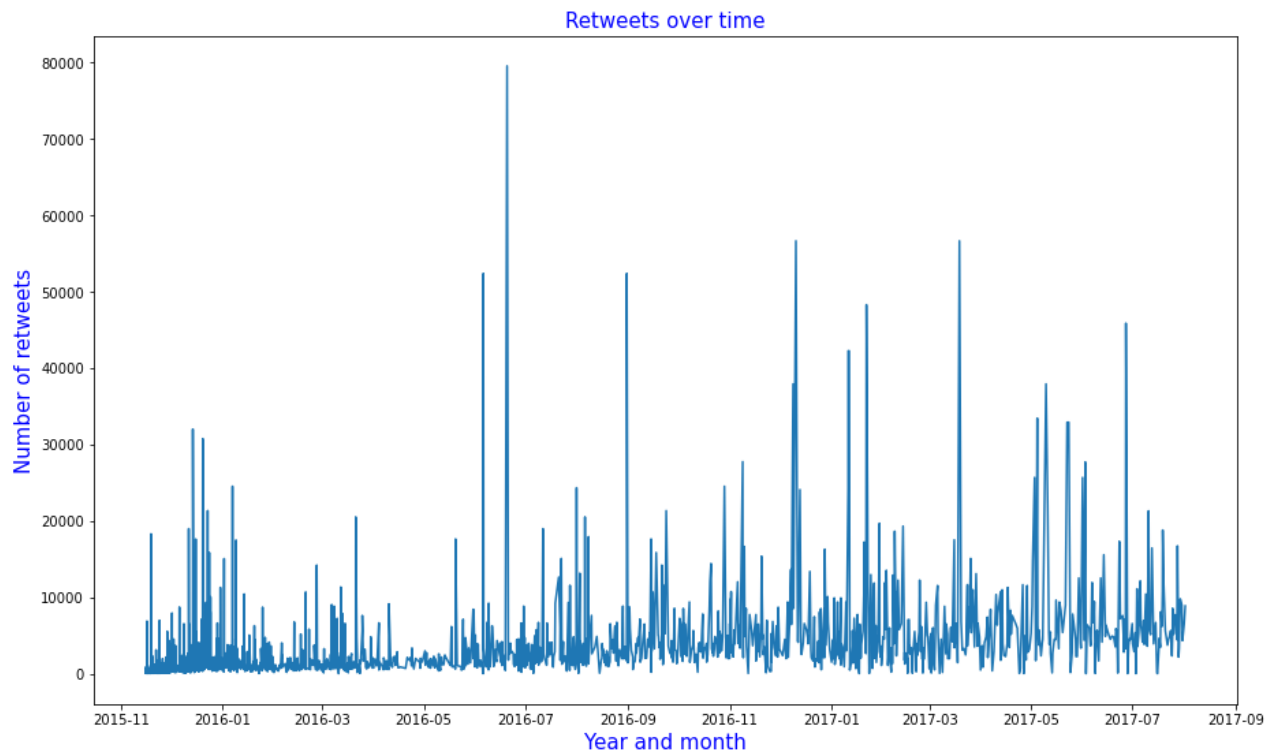
Out[15]:

Users use Twitter for iPhone, the Twitter web client and TweetDeck. And according to our visualisation, Twitter for iPhone is the most used by users. People using this platform tweeted more than 1800 tweets, while the other clients did not even reach 250 tweets.

WeRateDogs Retweet over time

In [17]:
```python
Image(filename='WeRateDogs Retweet over time.png')
```
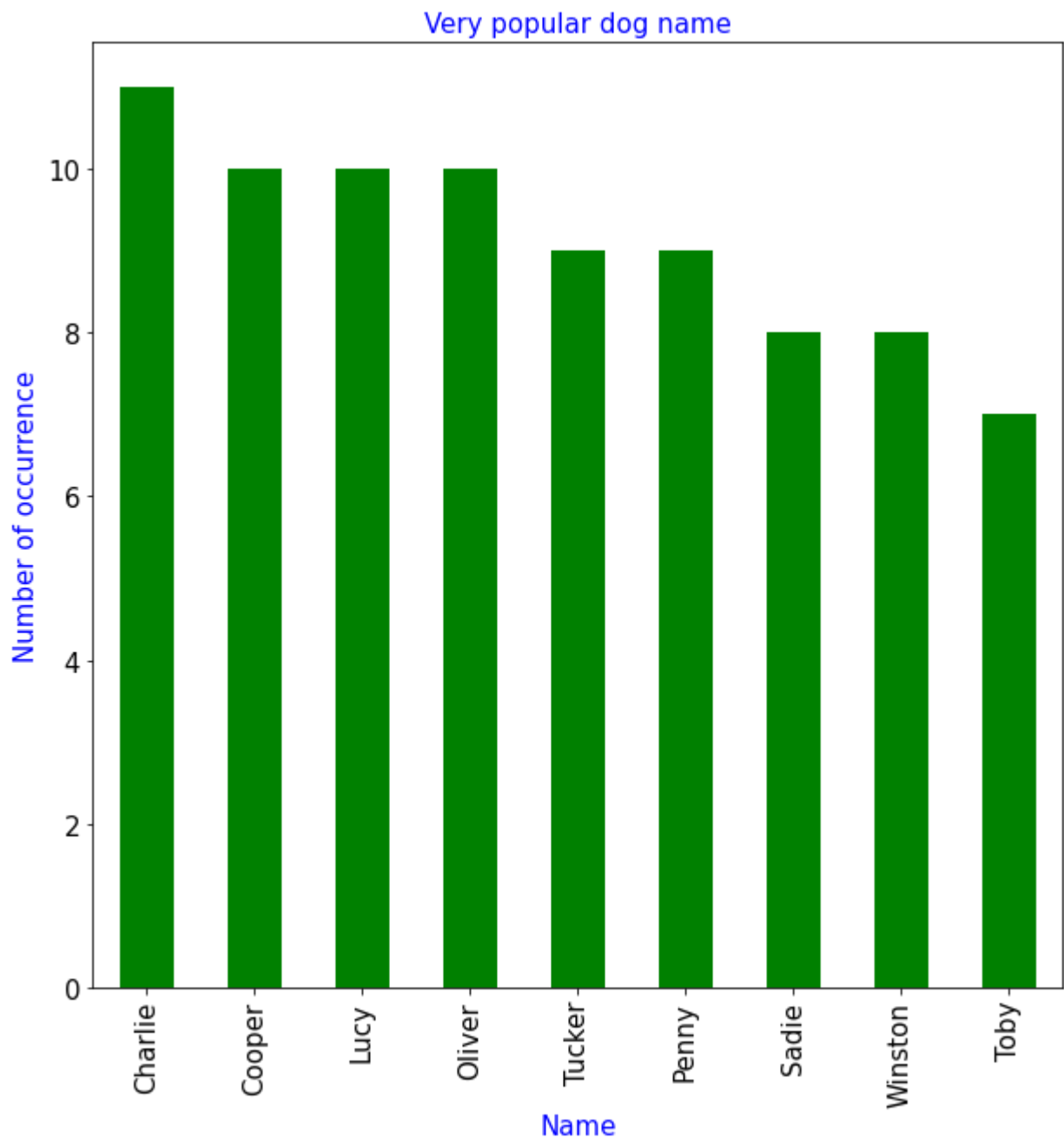
Out[17]:

As per our visualization, WeRateDogs had a really great period as far as Retweets are in the month of June, year 2016 with retweets going over 7000. The highest they have ever had. Since that time they have made just barely 6,000 retweets.

Very popular dog name

In [18]:
```
Image(filename='Very popular dog name.png')
```
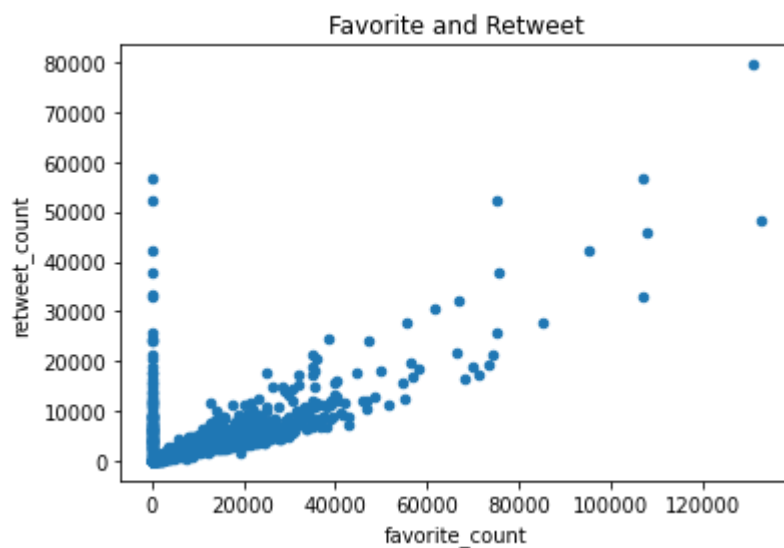
Out[18]:

'Charlie' the most popular dog name with (11). With the names Lucy, Olivier, Cooper coming closest with (10). Lola makes the last with (7).

Relationship between Favorites and Retweets

```
In [19]:    Image(filename='relationship between Favorites and Retweets.png')
```

Out[19]:

Favorite and Retweet

With a correlation of 0.7120771236948997, this demonstrates a positive correlation between the number of favourites/likes and the number of retweets. This makes sense, since if you favorited or liked a tweet, you have about a 70% chance of retweeting it as well.

In [ ]: