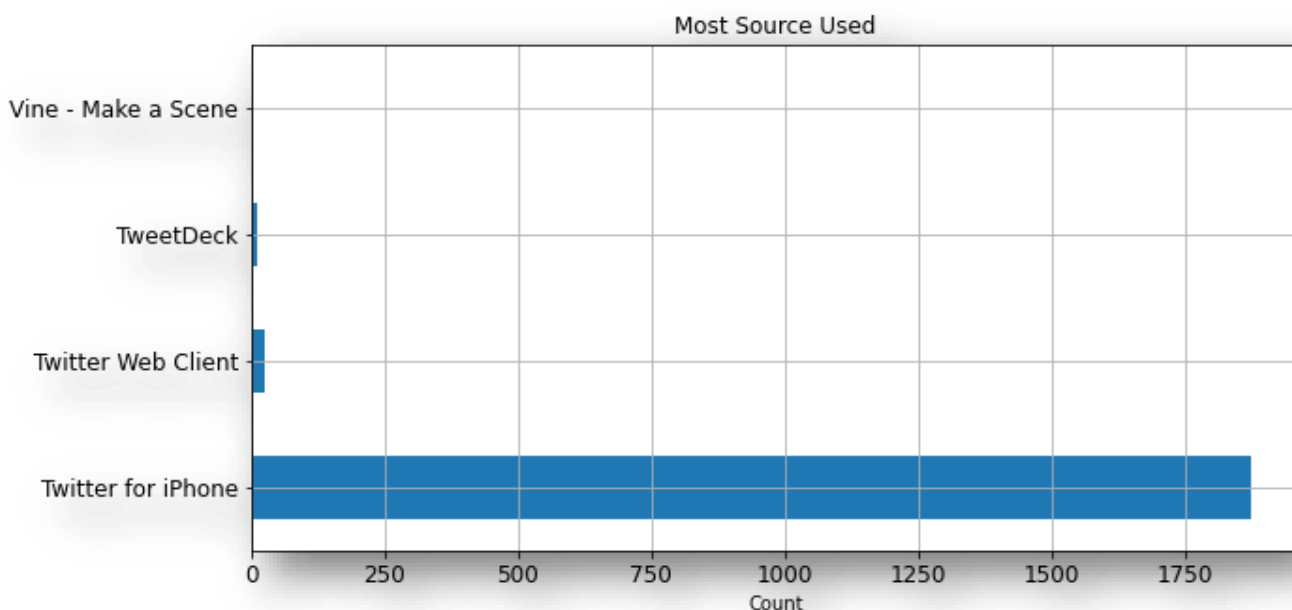# Data Visualization

 WeRateDogs is a Twitter page that regularly shares pictures of dogs along with a catchy description and often a rating out of 10 for the dog in the picture, sometimes exceeds 10. Created in November 2015, it became popular so fast and at this moment has more than 8 million followers. In this analysis, there was an exploration for changes in the tweets' favorites, retweets, and ratings over time.
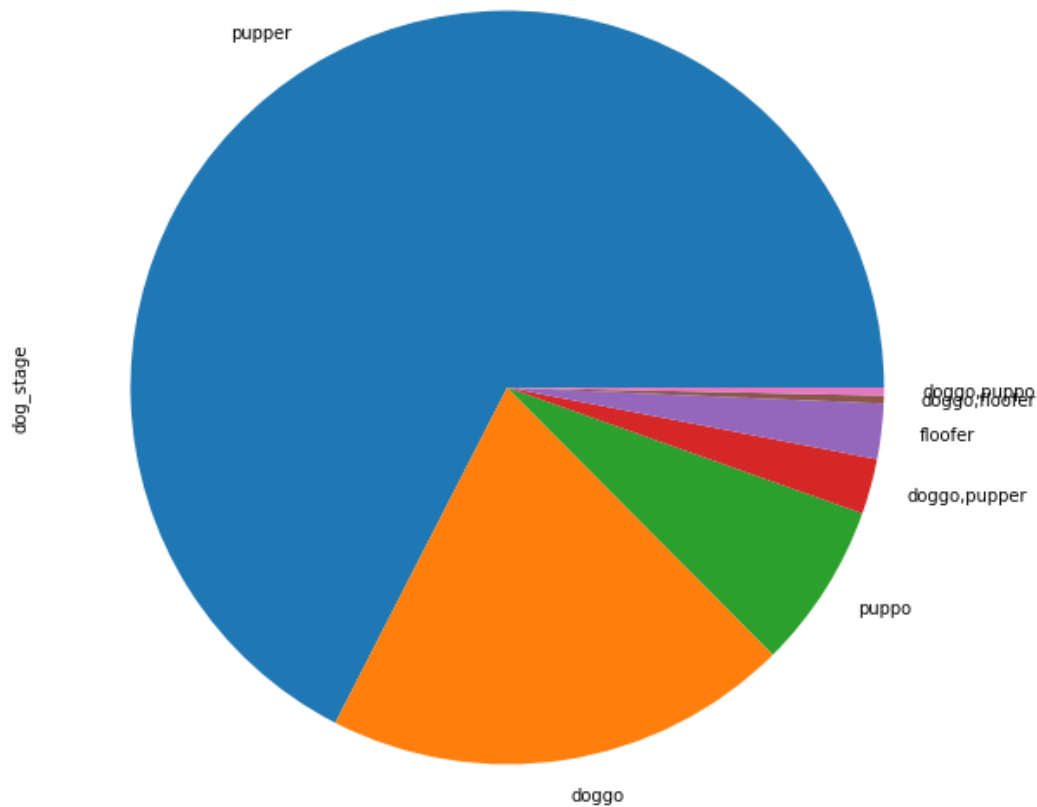
We have 3 questions to answer in this analysis.

- What is the most source of tweets?
- What is the most common dog?
- What is the most common rating?
- What is the relation between Retweets & Likes?

To answer this, we will use **4** different visualizations.

- **What is the most source of tweets?**
  - There are three sources in our dataset:

        a. Twitter for iPhone
        b. Vine - Make a Scene
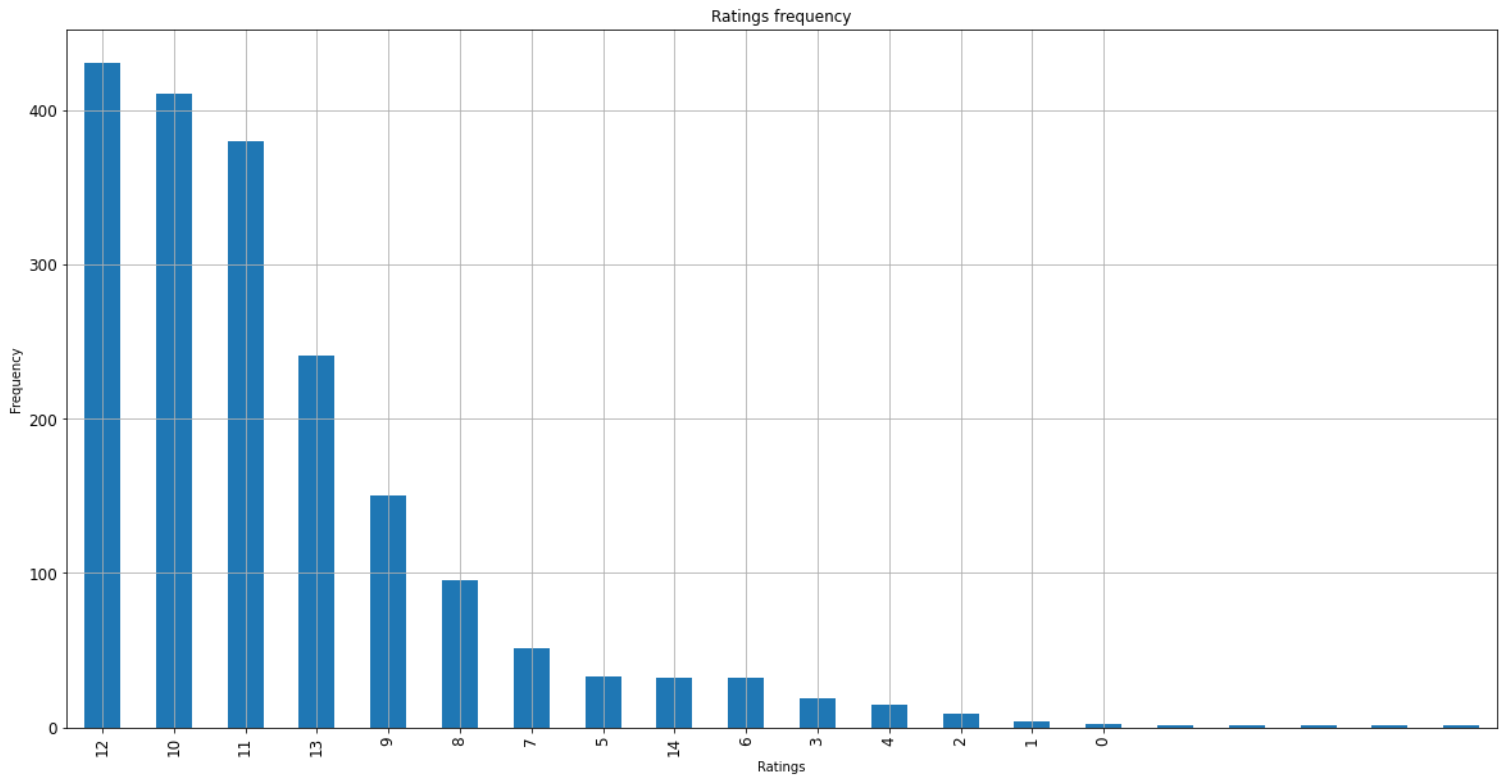   c. Twitter Web Client
        d. TweetDeck
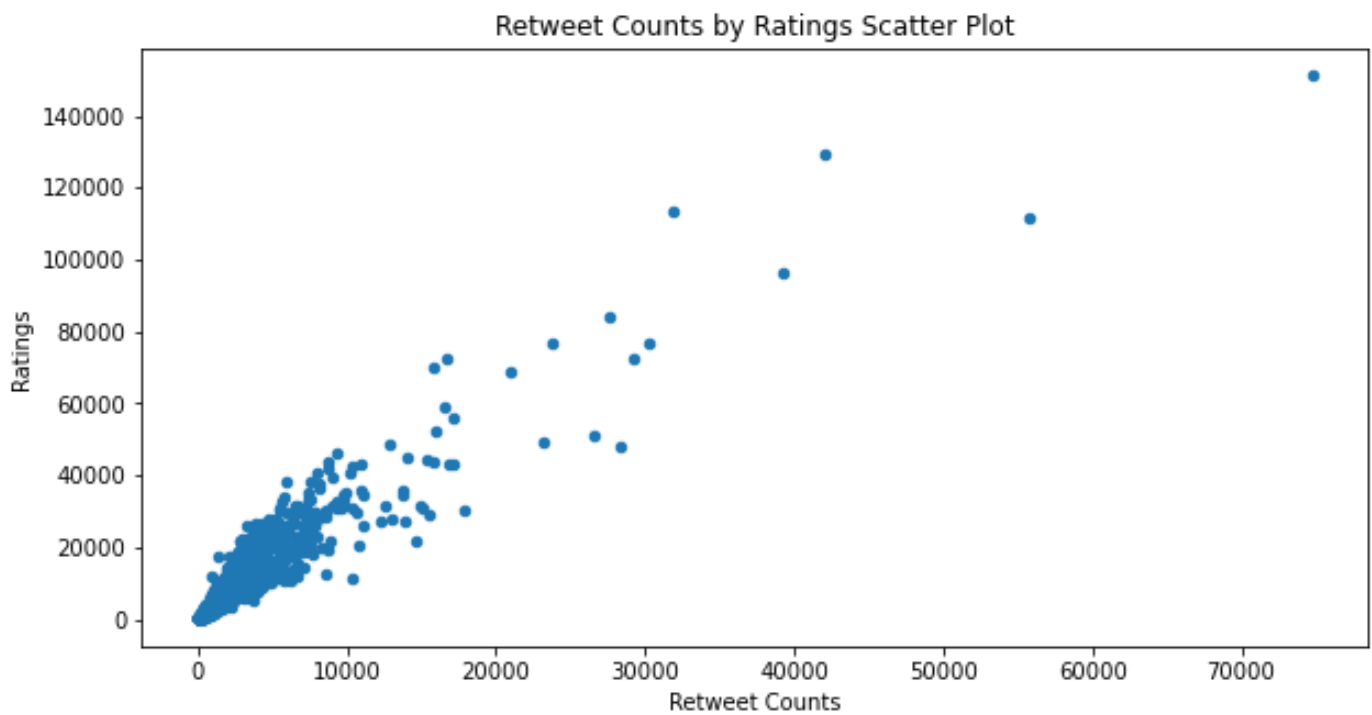
- **What is the most common dog?**

It was obvious that there is a huge difference among the data. The chart gives many insights. Firstly, Floofer is the rarest and least common dog. Secondly, and to answer the question asked, it is shown that **Pupper is the most common dog** in WeRateDogs tweets.

- **What is the most common rating?**

Ratings frequency

It is shown that **Most images are given a rating between 10 to 13.**

- **Retweet Counts by Ratings Scatter Plot**

The scatter plot illustrates that there is strong relation between retweets and likes 'favorites'.