Analysis and Visualization Report

Project : WeRateDogs
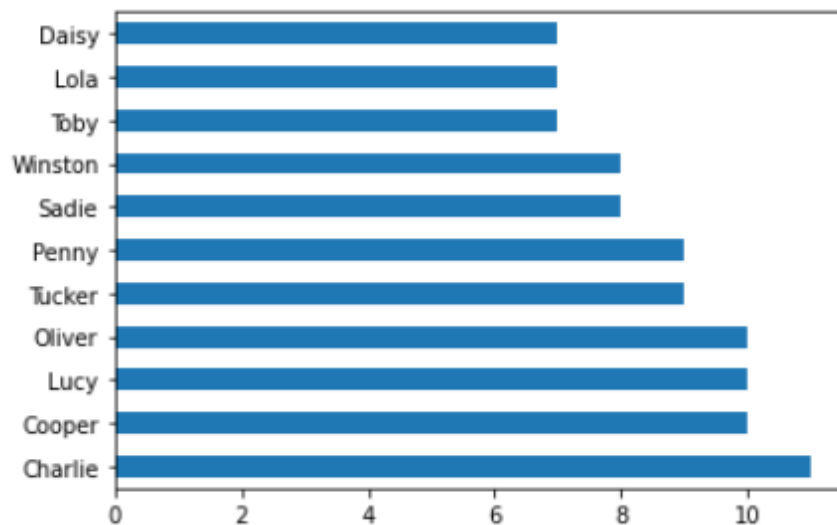
By : Nathapon Tansit

Insights:

    1. What is the most popular dog name?
    2. What dog type has the most average rating?
    3. Which dog is the most popular dog?
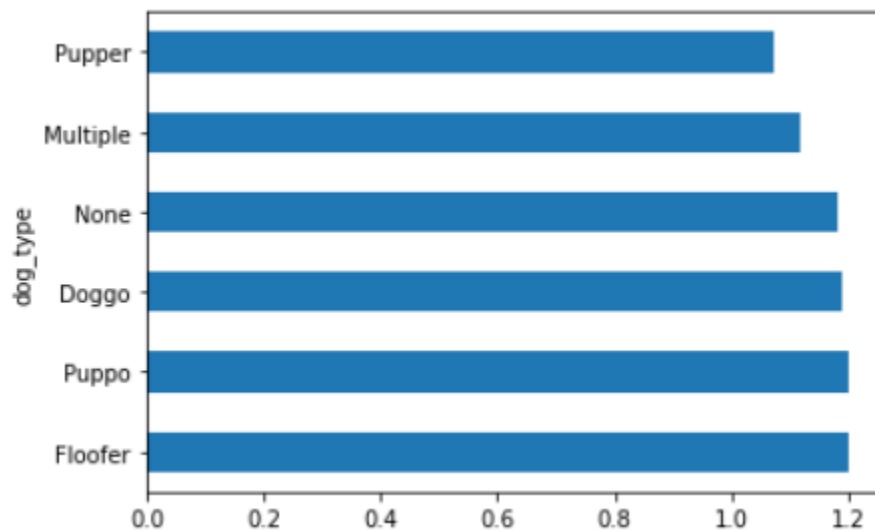
Visualization:

    Retweet trends

Insights1: What is the most popular dog name?

Result shows that the most popular dog's name in WeRateDogs twitter is **Charlie!**

Insights2: What dog type has the most average ratings?

  I used ratings as from WeRateDogs' post to ranking each dog type. For example 13/10 are equal to 10. Result shows that **Floofer** and **Puppo** have the most average ratings at **12.0**

Insights3: Which dog is the most popular dog?

  I classified 'most popular dog' in three different terms, most favorite count, most retweet count and most rating.

  Most favorite count
    The most favorite count dog was marked as favorite **132810** times.
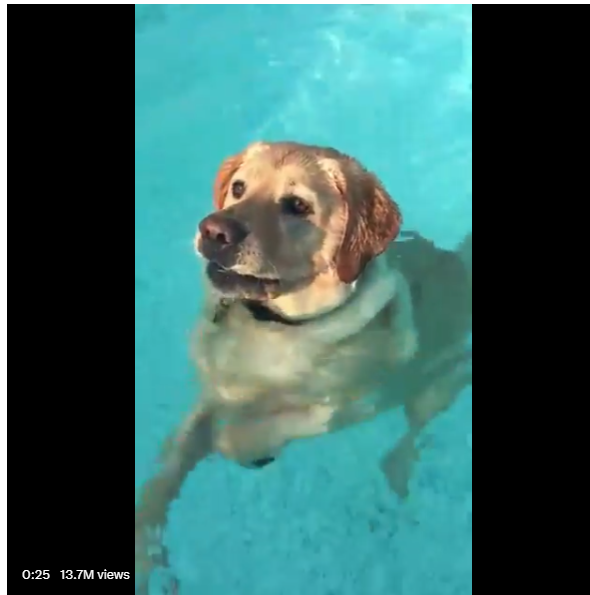   No name is shown but it's type is **Puppo**.
    Look at eyes!

Most retweet count

The most retweet count dog was retweeted **79515** times.
No name is shown but it's type is **Doggo.**
He is swimming

Most rating

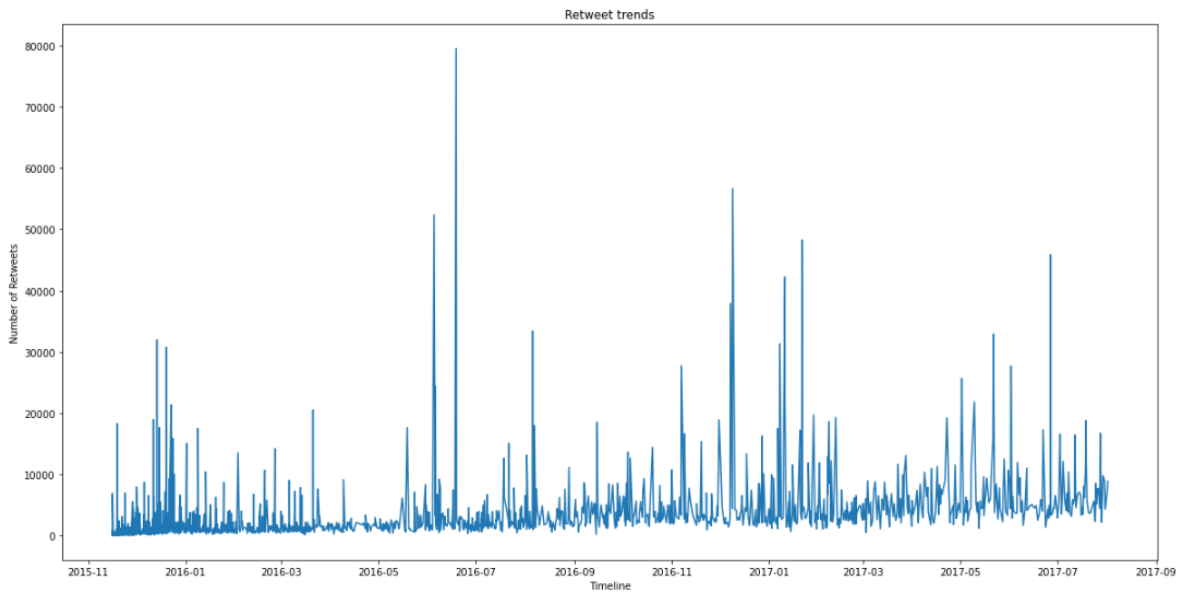The most rating dog has rating of **177.6!!**
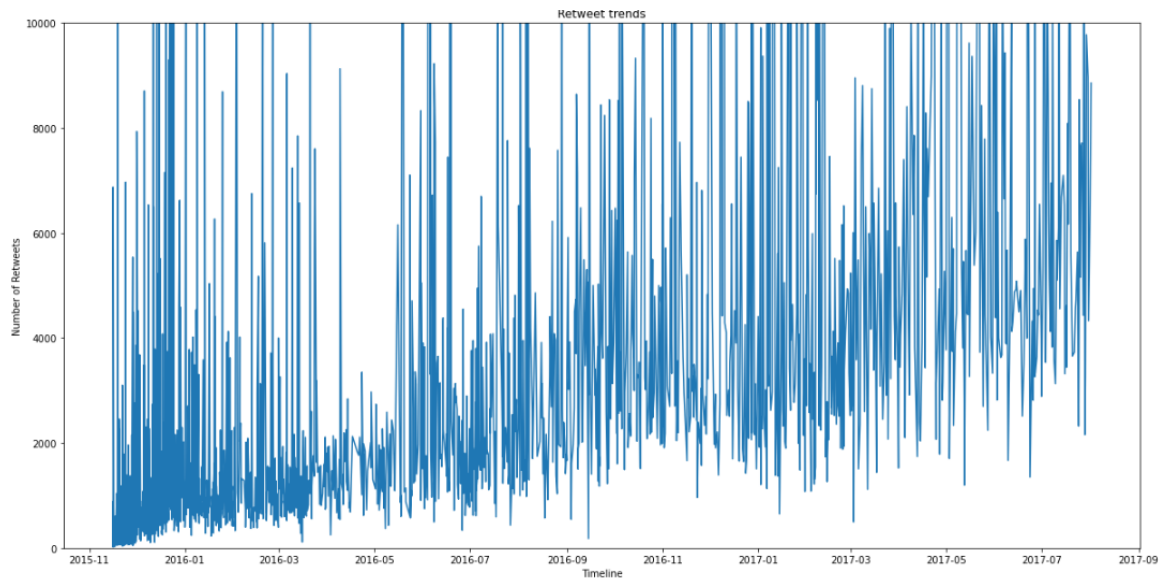His name is Atticus. But type is not shown.
He is so cool!

Visualization: Retweet trends

I made a plot between datetime and number of retweets results as below.

From this plot
1. Number of retweets fluctuated overtime.
2. Most retweet is between May 2016 and July 2016

Another plot shows the number of retweets between 0 and 10000 times. Result shows that the average number of retweets increased over time.