# Analysis and visualization Report of WeRateDogs

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**Analyze the Dogs Rates Twitter Dataset that is cleaned and combined after the wrangling stage.**

**I started to store the combined dataset to "twitter_archive_master.csv" file then I started to analyze and visualise some points, which are:**

**1- Describe data to know Dogs mean rates,Dogs most likes and retweets , and i found :**
- **The mean dog rating for the dataset is 11.3.**
- **The mean retweet count is substantially lower: 2287.**
- **The most liked tweet was liked by 153982 users.**
- **The most retweeted tweet was retweeted 76279 times.**

**2 - Most Retweeted Tweet**
- **The most retweeted tweet was this one: https://t.co/7wE9LTEXC4 . Its tweet tweet_id is 744234799360020481 . It shows a dog in a pool realizing that it can stand in a pool....It was retweeted 76279 times.**

**3 - Relationship in Data**

- **there is a strong positive linear relationship retweet_count and favorite_count (corr_coeff = 0.924902).**
- **there is a weaker positive relationship between rating_numerator and retweet_count (corr_coeff =0.064935).**
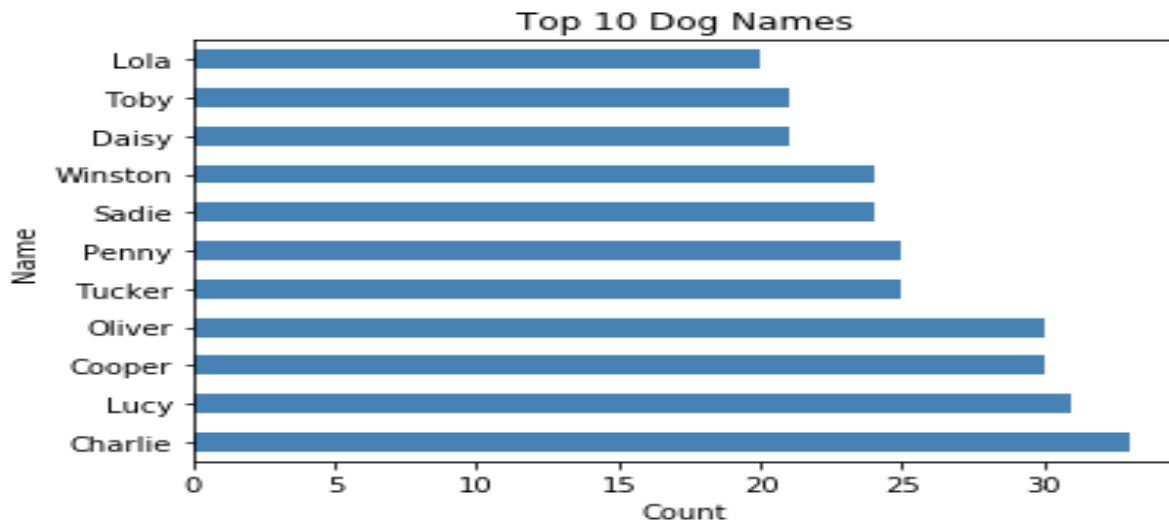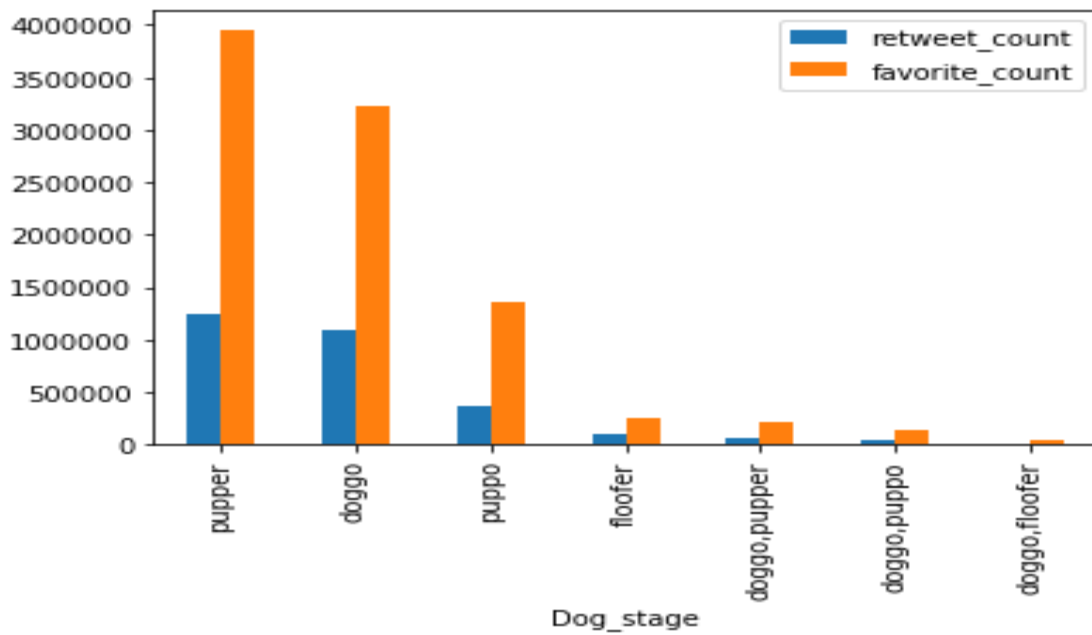
# Visualization Data

**1- The dogs types:**



Dog types
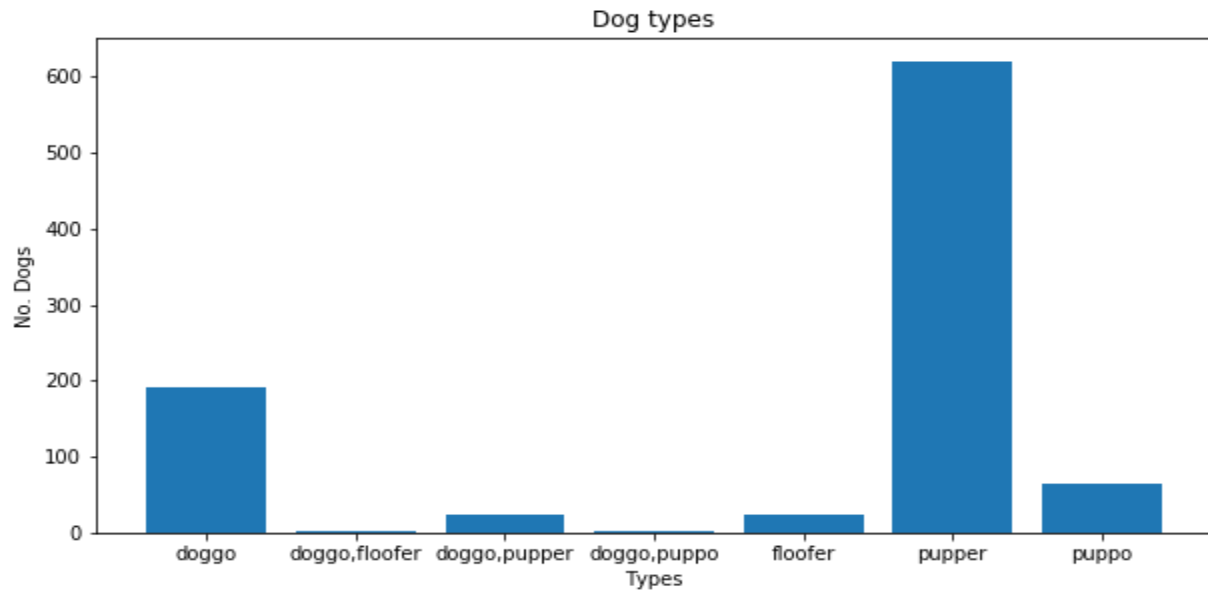
- **The distribution of the dogs types shows that most of the dogs has type of pupper.**

**2-** *Most 10 popular name for dogs:*



Top 10 Dog Names

- **After counting the occurrence of each dog name we found that Charlie, Lucy, Cooper and Oliver are the most common.**

**3- Most dog stage has retweet and favorite count :**



- **The pupper dogs have the highst retweet and favorite count rather than other dog stage.**