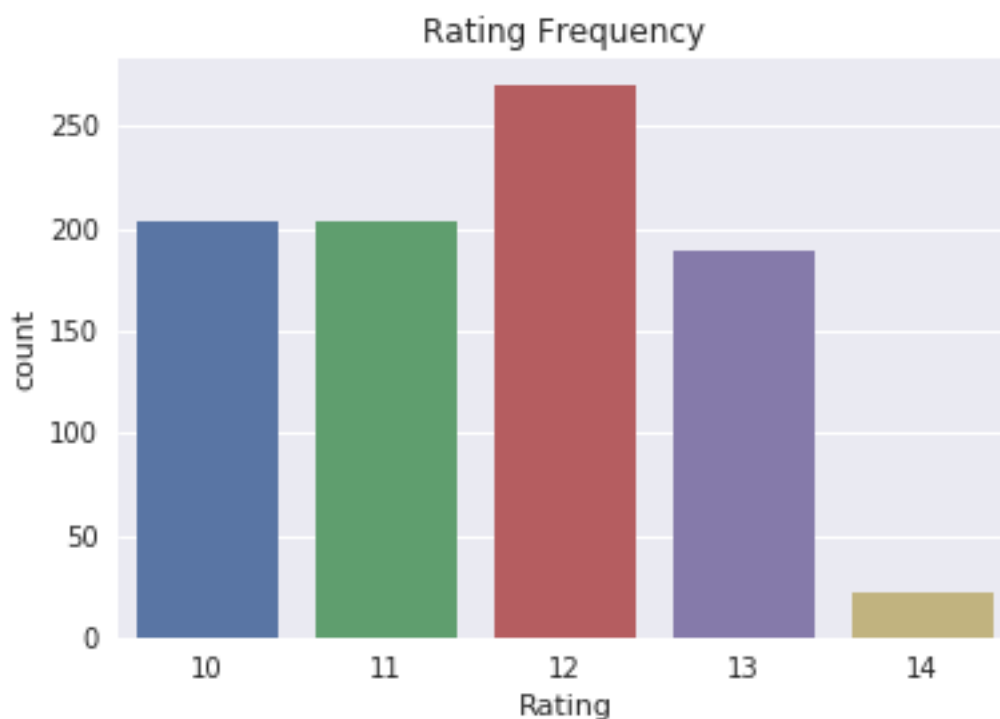


# We Rate Dogs – Analysis Report.

**Author: Ram Saran Vuppuluri**

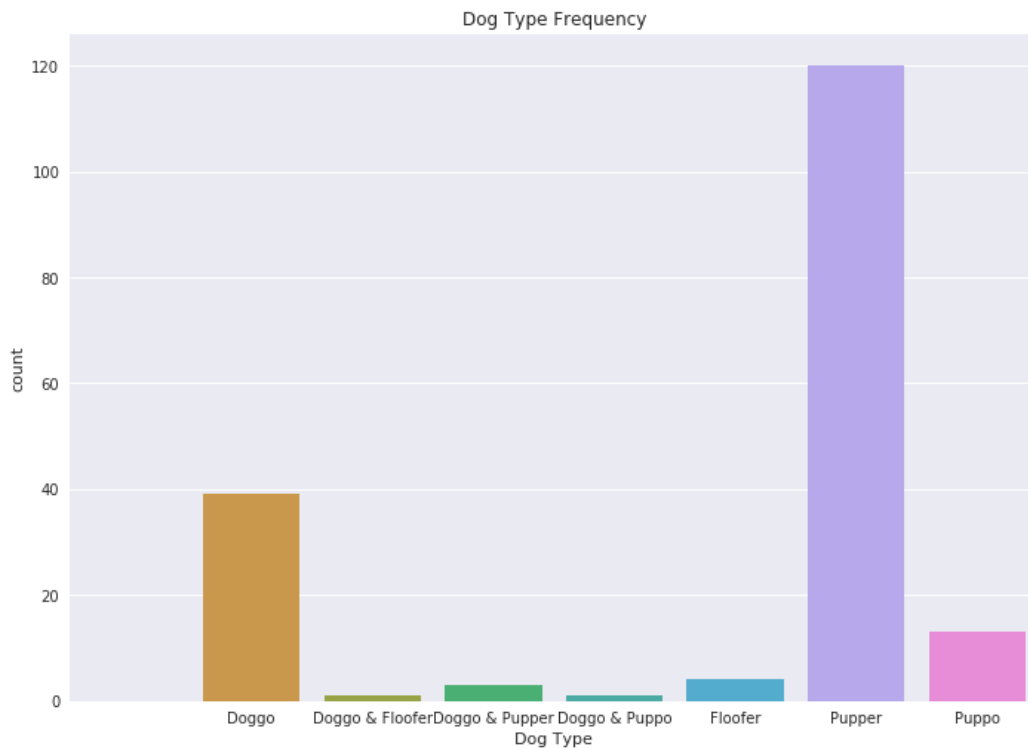
## Rating frequency

Below histogram depicts how many dogs are awarded rating in between 10-14. From the below plot, large of the dogs are awarded rating of 12 and very low number of the dogs are awarded rating 14.



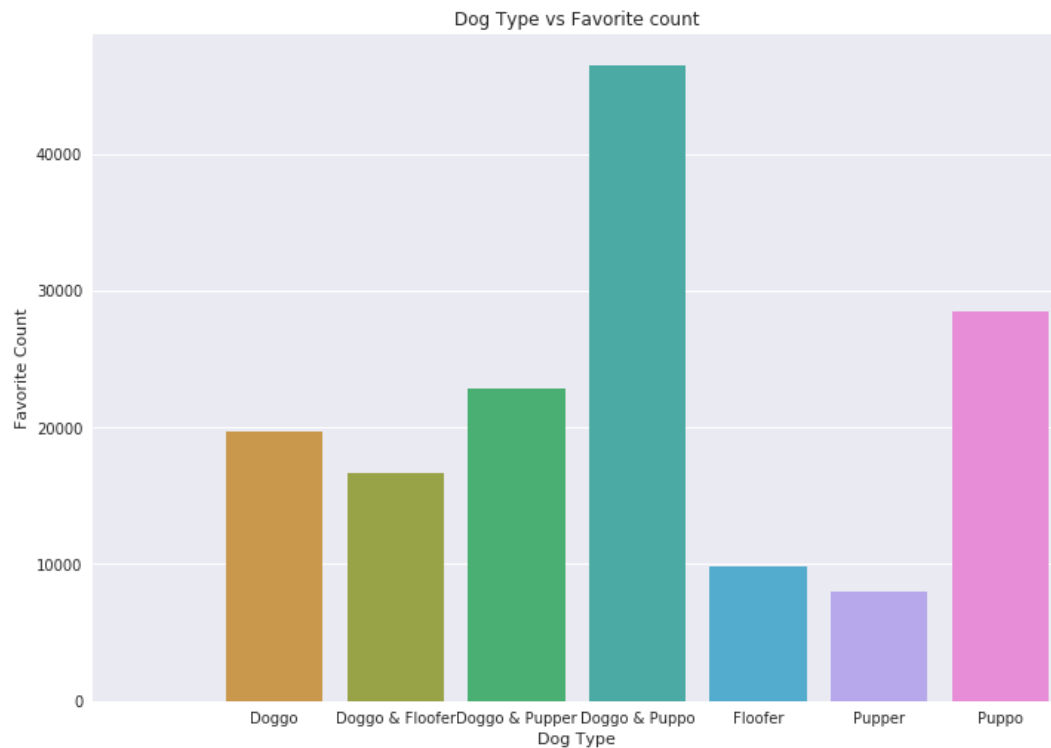
## Dog type frequency

Below histogram depicts how many dogs are classified into one or more of the dog types. From the below plot, most of the dogs are classified as “Pupper” followed by “Doggo” and “Puppo”.



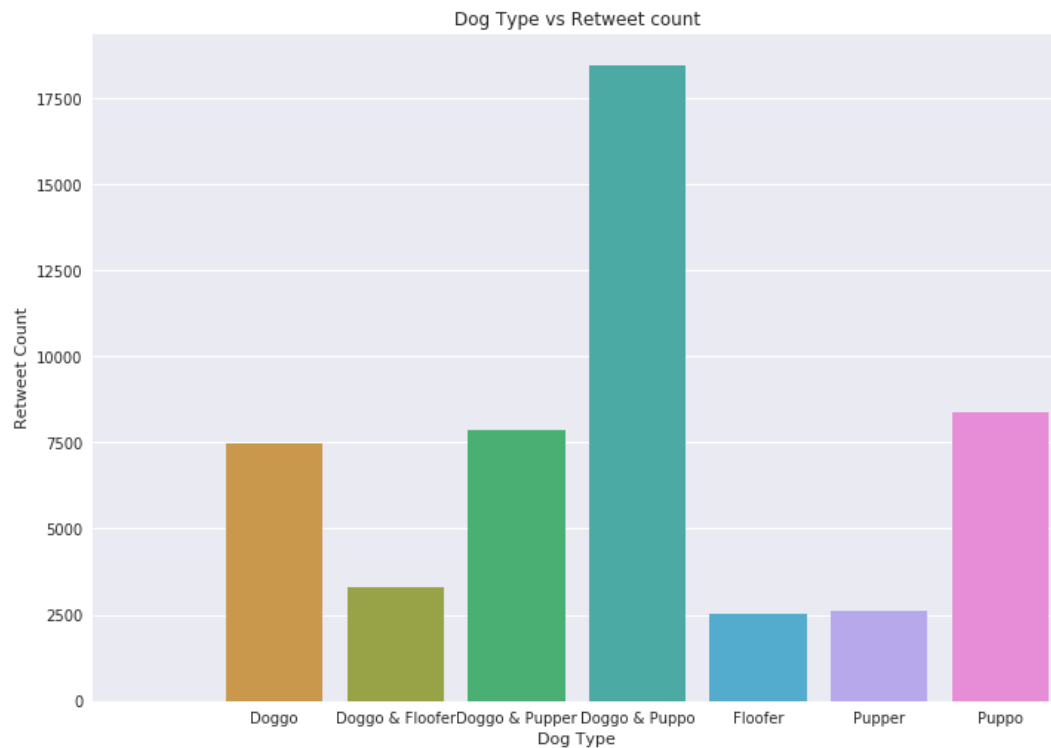
### Relationship between Dog Type and Favorite count

Below bar chart depicts how each of the dog types are marked as favorite. Dogs classified as Doggo & Puppo have highest favorite count, followed by Puppo, Doggo & Pupper, Doggo, Doggo & Floofer, Floofer, Pupper.



### Relationship between Dog Type and Retweet count

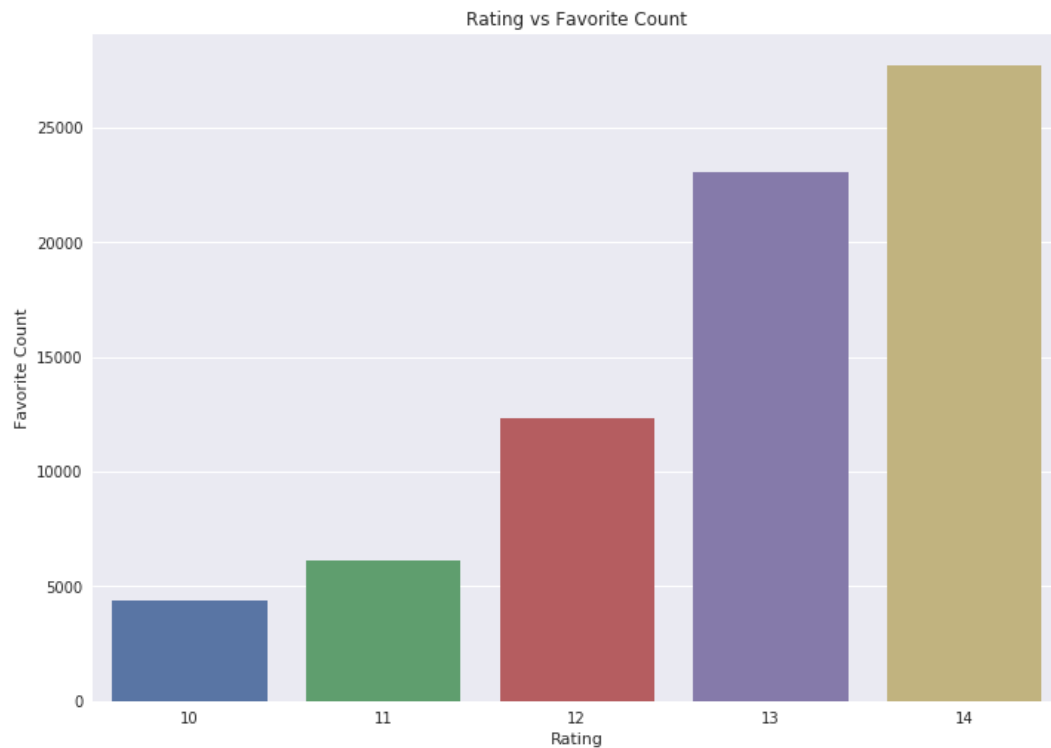
Below bar chart depicts how many retweets are made for each of the dog types. Dogs classified as Doggo & Puppo have highest number of retweets, followed by Puppo, Doggo & Pupper, Doggo, Doggo & Floofer, Pupper, Floofer.



From the above two plots Dog types which received higher number of retweets generally tend to be marked as favorite. This is in line with the **strong correlation** we found in the analysis.

### Relationship between Rating and Favorite count

Below bar chart depicts relationship between rating and favorite count. Dogs with highest rating are marked favorite compared to dogs with lower ratings.



### Relationship between Rating and Retweet count

Below bar chart depicts relationship between rating and retweet count. Dogs with highest rating are retweeted more compared to dogs with lower ratings.

