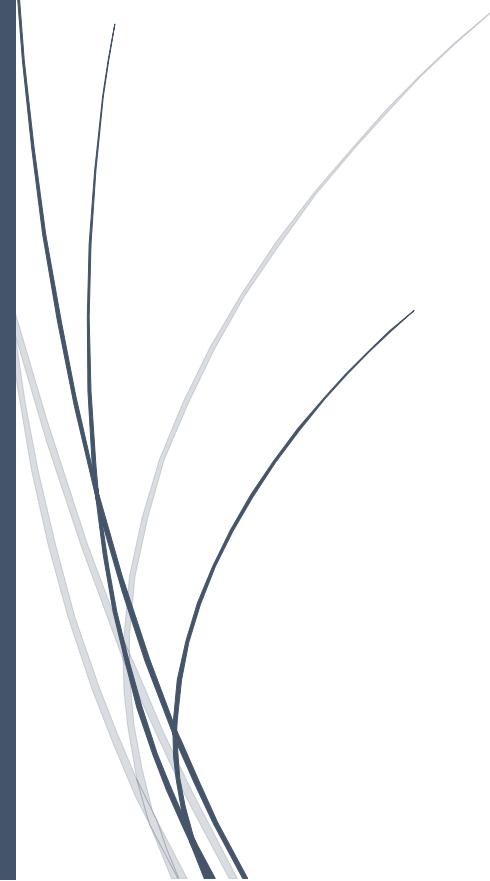




12/15/2020

WeRateDogs

Analysis Report



Analyzing Data

- 1- From the given data we can find the top 20 most used dog names in the dataset and those names are:

Dog name	Times of repeat
Charlie	11
Cooper	10
Oliver	10
Lucy	10
Penny	9
Tucker	9
Sadie	8
Winston	8
Toby	7
Daisy	7
Lola	7
Bella	6
Bo	6
Koda	6
Stanley	6
Jax	6
Louis	5
Buddy	5
Rusty	5
Oscar	5

2- We can find also the day of the week, the month and the year with the average highest retweet rates and favorites (likes) rates in the dataset:

- The Day with the highest retweets rate: **Friday**
- The retweets rates in this Day: **56625.0**
- The Month with the highest retweets rate: **August**
- The retweets rates in this Month: **7683.5**
- The Year with the highest retweets rate: **2017**
- The retweets rates in this Year: **6023.692090395481**

And we can conclude from the above that posts published in Friday are the most likely posts to get retweeted (that can be due to it being a weekend), and the same can be said for the month August, and the year being 2017 can indicate that there is more interaction in the year 2017 than any other year.

3- We can also find average retweet and favorite counts change per month as shown in the following table:

	Nov	Dec	Jan	Feb	Mar	April	May	Jun	Jul	Aug	Sep	Oct
average_retweet	4922.96	5400.35	6443.58	4438.03	4886.21	5844.27	7570.02	6586.09	6868.53	7683.5	3687.29	4274.28
average_favourite	14896.3	16213.8	19743.1	18737.3	20573.4	23107.3	29039.2	29126.2	31801.2	36643	11435.5	13294.2

4- Then we can visualize this comparison of average retweet and favorite counts change per month as shown in this graph:

