

REPORT: ACT REPORT

The WeRateDogs tweets dataset contained names, ratings of dogs, as well as favorite counts and retweet counts of each of the dog tweets. As with any data, our aim is to gain insights by asking questions based on the data. In this instance, we pose questions such as “What day of the week has more dog ratings?” or “Does day of the week have any influence on dog ratings?”, and “Which month had the most favorite counts?”. Analysis of the data produced the following insights:

1. Most of the dog ratings were done on Mondays (figure 1).
2. Looking at the median rating by days, day of the week has no influence on rating.
3. Tweets made in June had the most favorite count (table 1)

Also,

4. The average rating (numerator) was 12.59 although the column contained an outlier (1776).

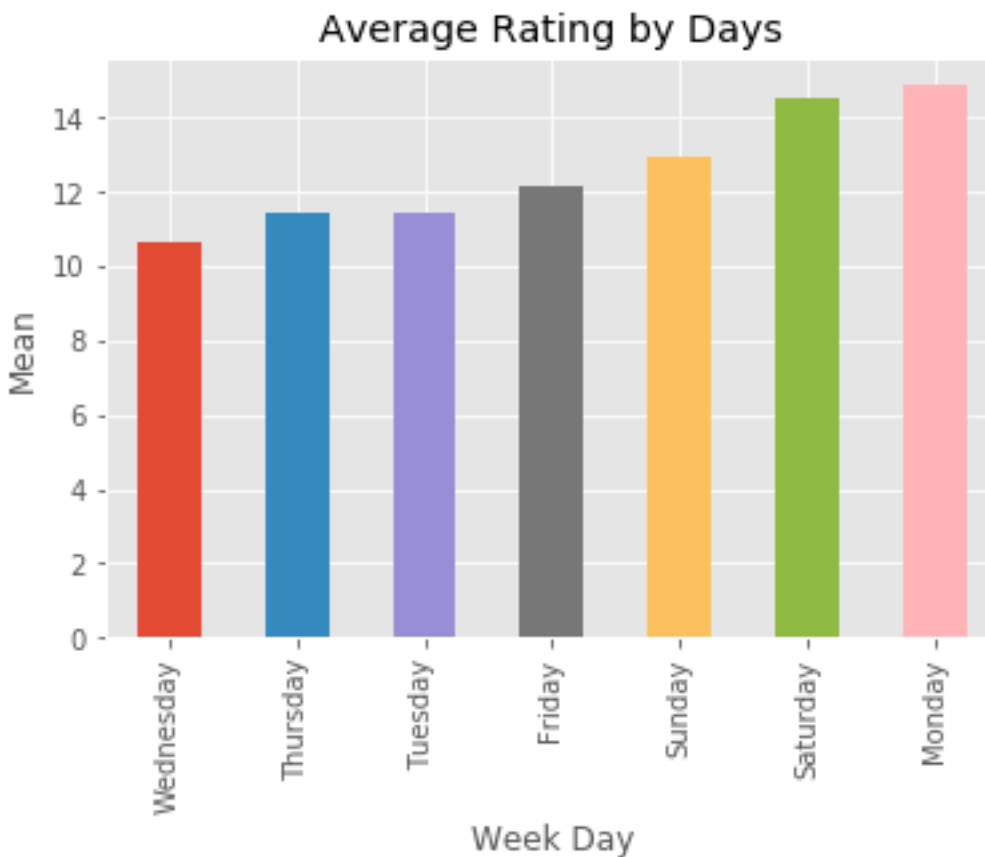


Figure 1: Average WeRateDogs tweets rating by days of the week

Table 1: Descriptive statistics of favorite count by months

	SUM	MEAN	MEDIAN	STANDARD DEVIATION
MONTH				
1	352.886364	1.079163	1.1	0.207420
2	253.933333	1.094540	1.1	0.195153
3	249.400000	1.193301	1.2	1.195727
4	247.800000	1.982400	1.1	6.880197
5	143.000000	1.172131	1.2	0.146734
6	191.018182	1.130285	1.2	0.172247
7	389.600000	2.117391	1.2	13.008527
8	78.800000	1.109859	1.1	0.158705
9	98.900000	1.177381	1.1	0.274784
10	105.400000	1.254762	1.2	0.695840
11	397.800000	1.063636	1.0	2.137427
12	523.628571	1.005045	1.0	0.255722