

# Wrangle Report

## 1. Quality

1. some of the names in p1, p2 and p3 are start with an uppercase letter and some with lowercase letters, we should make them all lowercase.
2. p1\_conf, p2\_conf and p3\_conf are 6-digit decimal values we should round it up to 3 digits
3. 'tweet\_id' type is integer while it should be string
4. 'in\_reply\_to\_status\_id' and 'in\_reply\_to\_user\_id' contain 2278 missing values, we won't use the data in these columns so we will drop it
5. 'retweeted\_status\_id', 'retweeted\_status\_user\_id' and 'retweeted\_status\_timestamp' contain 2175 missing values, they should be dropped because we won't use retweet data.
6. 'name' has 'None' 745, 'a' 55, 'an' 8 and 'the' 7 as names, these are not names so we will replace it with nan value
7. 'rating\_denominator' has the number 0 we should handle the 0 because it's invalid.
8. 'source' values are always one of these 4 categories [Twitter for iPhone, Vine - Make a Scene, Twitter Web Client, TweetDeck] we should extract the category from 'source' column.
9. Source column dtype is integer we should change the data type to category.

## 2. Tidiness

1. these columns 'doggo', 'floofer', 'pupper', 'puppo' represents dog 'stage' so we should add a new column called 'dog\_stage' and merge them together in it.
2. - columns names are not clear and doesn't make sense to a reader so I will change it to make it clearer and more understandable for readers.