Bonus Statistical Analysis

* Use your data to determine whether the mean or the median summarizes the data more meaningfully.
* Use your data to determine if there is more variability with successful or unsuccessful campaigns. Does this make sense? Why or why not?

For both successful and failed campaign’s number of backers, median summarizes the data more meaningfully because both sets of data show wide spread, with the data tilted to the right size. To elaborate, in the case of tilted data trend, the mean is more likely to be affected by the potential outliers. Therefore, it is more meaningful to look at the median in this case.

There is more variability with successful campaigns. This makes sense, because depending on the goal of the successful campaigns, the number of backers will vary in order to reach the goal. On the other hand, since the goals are not met in the failed campaigns, the number of backers is likely to be similar than that of successful campaigns.