**Assignment #1**

**Given the provided data, what are three conclusions that we can draw about crowdfunding campaigns?**

1. Out of categories with >40 campaigns, Technology campaigns were the most successful, with over 2.5 times more successful campaigns than failed campaigns.
2. The category with the largest number of campaigns was Theater
3. Successful and failed campaigns were proportional to each other in the first half of the year and were inversely proportional in the second half of the year.

**What are some limitations of this dataset?**

Relatively small sample size

Lack of previous research studies on the topic (that I’m aware of)

**What are some other possible tables and/or graphs that we could create, and what additional value would they provide?**

Another graph that could be useful would be to organize the data by country and see if hosting a campaign in a certain country is more successful compared to other countries. Or a graph that maps out the connection between campaigns that are staff picks and see if there is a correlation with successful campaigns. If campaigns that are staff picks are more likely to be successful, then it would be worthwhile to solicit staff picks.

**Use your data to determine whether the mean or the median better summarizes the data.**

The median better summarizes the data since there’s such a wide range in the number of backers in both successful and failed campaigns. The outliers skew the mean higher.

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

There is more variability in the successful campaigns, which makes sense since there are almost 200 more successful campaigns compared to failed campaigns.