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Excel Homework Repot

1. From the provided dataset we can conclude that those campaigns who asked for less than $1,000 were statistically most likely to be successful. Following this trend, the more money a campaign actually asked for, their chances of success decreased and their odds of failure increased. We can also conclude that campaigns are most successful during the months of May and June while being the least successful in December. Finally, from the data we can see that the music category is statistically the most successful category within our dataset.
2. From the data and the relationships that we found we can only make correlational inferences in regard to their relationship. This does not prove causality between variables and we have to be careful to not interpret them as such. Since this is a relatively small sample of the total Kickstarter campaigns, we also have to be careful in how we generalize the results gathered from our dataset. They do not represent the total population and may be biased in a certain direction.
3. I think it would be interesting to look at the portion of successful and unsuccessful campaigns in relation to their country. Another possible table and graph could look at the average donation compared the campaigns goal. This would be analyzing the relationship between how much a campaign wants to raise and if that correlates to how much the average backer donates.

**Bonus Statistical Analysis:**

From the data I would determine that the median provides the more meaningful summary of the data. I concluded this because of the high variance within the dataset. There are a couple of outliers within the data that can influence the means ability to best represent the data. The higher variance in successful campaigns I believe makes sense. If number of backers is a metric used to measure success, it would make sense that unsuccessful campaigns consistently have less backers resulting in lowers levels of variance within the data.