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## 2020 Data Boot Camp

## Assignment 01: Kickstart My Chart

1. Given the provided data, we can conclude that theater is the most popular category to start a Kickstarter campaign in with plays having the highest # of successful campaigns. We also can conclude that Kickstarter campaigns decline in successful funding closer to the end of the year, probably due to holiday spending. Last, we can say that campaigns with a lower goal less than $10,000 will have a higher more pledges and a higher chance of being successfully funded.
2. One limitation of this dataset would be to not being able to see any real trend lines. We know that campaigns that have a goal of less than $10,000 receive more pledges but without comparing # of pledges with the amount of money collected there is no indicator on if # of pledges is a predictor of a successful campaign or the goal itself. Another limitation is location: there is no representation of the campaigns and the country they are started in.
3. A scatter plot would work in creating a trend line for # of pledges with the amount of money collected. Having a pie chart or including country in the bar charts would help determine which category would have a higher chance of being funded based on your location.

BONUS

1. The mean summarizes the data more meaningfully since there is a high variance and standard deviation of the data.
2. Successful campaigns have more variability.