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| CrowdfundingAnalysis  Module 1 Challenge |
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### **Given the provided data, what are three conclusions that we can draw about crowdfunding campaigns?**

### The success rate of crowdfunding stands at 73%, with theater emerging as the most popular category across various countries.

### Backers tend to feel more confident in a project's success when the funding goal appears achievable. The dataset indicates that there is a higher percentage of successful campaigns when the goal falls within the range of 1,000 to 9,999 compared to goals higher than this threshold.

### Least run campaigns are for the category music world and audio but has consistently turned to be successful.

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

### Inconsistent comparison: Currency being recorded as of different counties can create discrepancies when comparing the funding amount.

### Upon examining the dataset, it appears that the collection of campaign duration might not been consistently recorded for all campaigns as some campaigns only ran for couple of days. As a result, we can expect variations in how the lifecycle of campaigns are represented in the data, possibly overlooking certain stages or time periods of the campaigns.

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

### Analyzing the relationship between campaign duration and success rate on a graph/ table. Might assist us with determining whether shorter or longer campaigns tend to be more effective, pinpointing the saturation point where extending the campaign might diminish the benefits or having a shorter campaign might lead to missed opportunities.

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

### Skewed distribution in our data graph and the presence of outliers that can introduce bias, it is advisable to utilize the median as a summary measure.

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### **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 a notable level of variability in the number of backers for both successful and unsuccessful crowdfunding campaigns.

### Yes, it makes sense as we can notice that the average number of backers in successful campaigns greatly exceeds the average number of backers in unsuccessful campaigns, indicating a positive correlation between the number of backers and campaign success. Higher the number of backers, more are the chances of the success rate.

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