**Module 1 Challenge**

Question 1) Given the provided data, what are three conclusions that we can draw about crowdfunding campaigns?

Answer) The following three conclusions can be drawn about crowdfunding campaigns based on the provided data:

1. The popular crowdfunding projects fall under categories theater, music and, film & video with almost equal chances of success and failure across the countries.
2. Among the categories the Technology has the highest success rate across the countries, and the sub-category “plays” was most popular among other projects.
3. For the given dataset, when goal range is from 15000 to 24999 and 30000 to 34999 there is 100% success rate.

Question 2) What are some limitations of this dataset?

Answer) Some of the limitations may be as follows:

1. The sample size is only 1000 projects across different countries. It may not be sufficient to draw significant conclusion.

Question 3) What are some other possible tables and/or graphs that we could create, and what additional value would they provide?

Answer:

1. We can use pie chart or donut chart to count how many campaigns were successful, failed, canceled, or are currently live per **category or sub-category.**

**Statistical Analysis**

* Use your data to determine whether the mean or the median better summarizes the data.
* Since the variance of the dataset is very high for both Successful and Unsuccessful campaigns median is better way to summarize the data.
* Use your data to determine if there is more variability with successful or unsuccessful campaigns. Does this make sense? Why or why not?
* The variability of successful campaigns is more than that of unsuccessful campaigns.