**Pivot Table Conclusion**

* Given the provided data, what are three conclusions that we can draw about crowdfunding campaigns?
  + Theater category had the greatest number of crowdfunding campaigns with film/video and then music following it. The subcategory plays have the most amount of failed crowdfunding compared to other subcategories.
  + The distribution of the categories changes slightly based on countries for example in Great Britain there were more crowdfunding in the category of film and video.
  + On average, over the years the month of July has the most successful crowdfunding. However, the data varies significantly based on the year.
* What are some limitations of this dataset?
  + 1000 isn’t a large sample size, so there might be a lot of variances in our dataset. It isn’t an accurate representation of the full crowdfunding database, and it would be difficult to find the ‘trick” though this sample size. We also don’t know how these sample projects were selected for this dataset. We would need a random sample.
* What are some other possible tables and/or graphs that we could create, and what additional value would they provide?
  + A pivot table showing the average donation based on category and country would show which category might have fewer donations compared to other.
  + A table of how the duration of each campaign and see which categories have longer duration and if it impacted how successfully they are.

**Statistical Analysis from last part (campaign backers)**

* Use your data to determine whether the mean or the median better summarizes the data.
  + The median is a better to summarize the data because it leaves out the outliers. The mean is skewed by the very low and high outliers. Our data has a distribution that is positively skewed.
* 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 with the successful crowdfunding campaigns. It makes sense because it has a larger variance and standard deviation. It also has a mean that is farther than the median.