Shayan Ashoori Module 1

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

Based on the first tacked-column pivot chart, almost all parent companies had both failed and successful projects. Therefore, it's challenging to provide a detailed analysis to investigate different company categories’ success. However, the second pivot table can provide a better visual investigation to find which companies and categories had more successful projects.

For the date created months including Jan, Feb, Mar, Apr, and May, failed and successful behaviors follow the same trend. In other words, there is a positive correlation which indicates that when one increases, the other tends to increase as well. Conversely, from Jun to Aug, a negative correlation started, showing an inverse relationship between the two variables. The distance between failed and successful points is more considerable in this range which indicates a proper create time for successful projects. After Aug, both failed and successful trends are kind of constant.

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

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

We can add the average donation values (count) to our pivot tables to analyze this value for different company categories. It may help us to investigate how the average amount of donation can impact the success of a company.

Moreover, like the COUNTIF part sheet, a new sheet can be created to investigate the relationship between the percent fund and the percentage of success. The percent fund values can be split into some ranges in order to analyze the trend in terms of the success of the company.

**Statistics:**

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

The median better summarizes the data since there is a wide range of values for both failed and successful projects. This wide range of numbers (outlier) can distort the mean value. Therefore, the median can be the better option to analyze and investigate the data.