

In the crowdfunding datasets, we analyze crowdfunding projects outcome based on the backer's goal on various categories. The purpose was to analyze the success rate of the projects on different category depending on the raised fund to target goal, in various countries.

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

1. Overall, most crowdfunding campaigns were successful. Success rate for Technology, photography, film & video category was above 50% which suggest more funds than the goal was raised for these categories. Similarly, "journalism" was 100% successful but the sample size for this category was very low and only limited to USA. On the other hand, "games" and "food" category had lower success rate. These results allow predictive analysis for prospective growth of these sectors and market trend for future.
2. "Play" and "rock" sub-categories are two most successful campaign in theatre and music parent category. Similarly, World music and audio subcategory were 100% successful in raising more funds than targeted goals.
3. The data set allows studying time-based crowdfunding trends. Based on the data, most successful campaigns were carried out during summer (June-July) months.

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

The data set is not normally distributed, so the mean is skewed towards higher values. The high variance and standard deviation indicate higher dispersion of data. In context of the crowdfunding data, this dispersion suggest that the success or failure rate based on the target goal are varied for different category so uniform comparisons cannot be predict cannot be drawn, which weakens the consistency and predictability outcome of the data.

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

1. We can create bar diagram for average donation received per backer for successful and failed campaign.
2. We can also create bar chart to show successful/unsuccessful campaign based on category and subcategory.

3. Create table showing percentage successful and failure for each category
4. Bar graph showing percent funded vs goal to analyze how many campaigns were successful or failed.
5. Pivot table to show average donation per country for successful, failed or cancelled campaign.