Report (Priyanshi Gajjar)

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

Answer: With the data provided, the top three conclusion that we could draw from crowdfunding campaign are:

* The theatre projects have highest number of successful outcome compared to other categories. This means that theatre projects have been relatively successful in attracting funding through crowdfunding campaigns. It also indicated a strong support for theatrical production.
* Photography books and web projects also show a decent number of successful outcomes, indicating support for creative endeavours in these categories.
* Documentary projects also perform well in crowdfunding campaigns, with 34 successful outcomes, indicating a demand for non-fictional content.
* Music-related campaigns, such as indie rock, metal, jazz, and electric music, have a relatively high number of successful outcomes, indicating a positive response from backers in the music category.

1. What are some limitations of this dataset?

Answer: The limitations of this dataset are:

1. **External factors:** The data set does not take into consideration the external factors that can influence the outcomes of crowdfunding campaigns, such as economic conditions, cultural trends, or changes in the crowdfunding landscape over time. Understanding those external factors is crucial in gaining a more comprehensive understanding of the crowdfunding environment.
2. **Data quality and accuracy**: The accuracy and reliability of the data are assumptions, as we don't have information about the data collection methods or potential sources of errors. Without information about the data's quality or verification processes, there may be inaccuracies or inconsistencies that can impact the validity of the conclusions drawn.
3. **Timeframe:** The data set does not specify the timeframe during which the campaigns took place. It's unclear whether the data represents a single year, multiple years, or a specific period. This lack of temporal information limits our ability to analyze trends or seasonality in crowdfunding campaigns.
4. What are some other possible tables and/or graphs that we could create, and what additional value would they provide?

Answer: The other possibility for the table and graphs that we could create are: -

1. **Category-wise Success Rate:** Calculate the success rate (percentage of successful outcomes) for each category of crowdfunding campaigns. This table/graph would provide insights into which categories have the highest success rates and help identify potentially more lucrative or popular categories for crowdfunding.
2. **Category-wise Distribution:** Create a pie chart or stacked bar graph illustrating the distribution of campaigns across different categories. This visual representation will provide an overview of the popularity or prevalence of each category within the dataset.
3. **Success Rate by Duration:** Analyze the relationship between campaign duration and success rate. Group campaigns into different duration ranges (e.g., less than 30 days, 30-60 days, more than 60 days), and calculate the success rate for each group. Present the findings in a table or bar graph to determine if campaign duration has an impact on the likelihood of success.