Kevin Miller 04/06/2023

Using the pivot tables and charts created from the given data there are several conclusions we can infer.

* 1. That all categories where there were more than fifty reported outcomes the success rate was over 50%. And that the average success rate among all categories was an average of 57%.
  2. In this data set plays were by far the largest subcategory of crowdfunded efforts. The amount of crowd funding efforts for plays was over 300% larger than the next largest subcategory, rock.
  3. June and July had the largest number of successful crowdfunding efforts.

Some of the limitations of this dataset. We do not know the source of this dataset. We do not know if the crowdfunding attempts were through one website, multiple websites, or if any of the attempts were not web based. There appears to be a significant bias towards crowdfunding of entertainment, especially plays in the dataset. With the previously mentioned limitations this possible bias is hard to evaluate. Also, while not a limit of the dataset per se, knowledge of the goal of the analysis would be useful for determining what the limitations are of the dataset for its intended use.

Some additional analysis that could be useful would be;

-to compare success rates by country to see if changing country of attempt has any appreciable effect on success rate.

-create tables to evaluate the staff picked and/or spotlighted success rates versus those that were not picked out. Would help decide if working towards getting picked is worth the money/effort.

-create a line chart to evaluate if there has been a trend of success vs failures on a yearly basis to evaluate any time bias.

-create a line chart for success rate monthly for each year and compare the years to evaluate if the seasonal bump we see in the chart we created is actually a general trend.

-would also create a table of success chance vs goal. Use pivot tables so that these can also be evaluated by category. Would be useful for evaluating the effect of goal size on success rate.

-may also consider doing the line charts without plays to check for any bias that plays being such large proportion of attempts might cause.