**Written Report for Challenge 1**

# Conclusions

One of the conclusions that highest number of campaigns , and the most successful category is the theatre / plays. Out of the 1000 campaigns there was 344 theater / plays which was over a third of the number as well over half of the funding (187) were successful.

Second conclusion during the first seven of the year from January to July saw more successful crowdfunding than the rest of the year. June and July having the highest level of success compared to the other months.

That the country that has the highest number of crowdfunding campaigns comes from the United States which makes over 75% of the number campaigns with (763) out of 1000 that were recorded.

With these three conclusions show that with a reasonable budget a person that wants to fund a play can do it in the United States and does the pledge during the June- July will have the highest chance for success from the data was collective.

# Limitations

The dates of the data since the was from 2010 – 2020 some of the trends of people wanting theatre play and willing to fund could have changed due to the pandemic and other social factors that occurred since 2020.

As well, the data is a sample size of what people are funding on the crowd sourcing sites but it may not represent the overall trends that comes with people wanting to fund these projects.

One of the graphs that could have been used heat map showing the world and showing how many Crowdfunder’s came from each country showing a visual scale where and who is funding these projects. As well as a pie chart showing how many of the category were recorded showing the difference in number of projects in each category.

# Statical data

I will choose the median of the mean for choosing the middle of the data due to making more sense in context that with 184.5 or 185 backers will tend to lead to a successful campaign. However, there is a lot of factors likes size of the goal and the average of each backer gives which affects the success or failure of the campaign.

The success has more variance than the failure since the since the range of the failure is (0-6080) and the range of successful is (16-7295) there is more of a range with the successful than the failures.