**Assignment Challenge 1 – Report**

Q1: Given the provided data, what are three conclusions that we can draw about crowdfunding campaigns?

A1: Based on the data provided and Pivot Tables and Charts we have created following are my findings:

* For all the countries, Theater project has been most successful, followed by film & video and music.
* In Parent Sub-Category option, Plays have been most successful, followed by documentary in film & video and rock in music.
* Most successful launched were in the month of July.

Q: What are some limitations of this dataset?

* Limited size of data for analysis
* Does not include most recent data for analysis
* More specific time frame of the crowdfunding data, example quarterly or monthly Percent Funded (or Initial, Middle and Final Phase)
* Crowdfunding campaign data is missing

Q2: What are some other possible tables and or/graphs that we could create and what additional value would they provide:

A2:

* Calculate Percentage Funded Outcome
* Average Donation outcome

Q3: Use your data to determine whether the mean or the median better summarizes the date

A3: Mean is calculated by adding up all of the individual values and dividing this total by the number of observations. And median is calculated by taking the “middle” value. Since our data is sort of uniform we can safely use aggregator function.

Q4: Use your data to determine if there is more variability with successful or unsuccessful campaigns. Does this make sense? Why or why not?

A4: There is more variability with the successful campaigns because the calculated variance is more for them as compared for the failed campaigns.