**Weekly Challenge\_1\_Excel**

Create a report in Microsoft Word, and answer the following questions:

1. Given the provided data, what are three conclusions that we can draw about crowdfunding campaigns?
2. What are some limitations of this dataset?
3. What are some other possible tables and/or graphs that we could create, and what additional value would they provide?

1. Looking at the dataset, a majority of the campagins were successful, followed by failed campaigns. Comparitivy only a few campaigns were cancelled. Additionally, looking at parent and sub-category, most successful, failed and cancelled campaigns were held in the US (overcall campaign count was the highest in this country). Lastly, the category ‘theather’ and sub-category ‘plays’ had highest counts of campaigns.

2. One of the limitation of the dataset is that most counts are from the US compared to the total remaining campaigns across other countries. This skews the data when comparing all the other countries who have relatively similar count. Further, live campaigns should not be included as the final result cannot be predicted at this point.

3. A boxed plot would allow us to see any outliers. Currently, it is not possible to see if there is a significant, statistics difference between the count of successful and failed campaigns.

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Statistical Analysis:

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| Question: Use your data to determine whether the mean or the median better summarizes the data. | | | | | |  |
| Answer: For these two datasets, the use of median is better as both data sets have extreme values which distort the mean value. | | | | | | |
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| Question: Use your data to determine if there is more variability with successful or unsuccessful campaigns. Does this make sense? Why or why not? | | | | | | |
| Answer: There is higher variability in the dataset of the successful campaignes. | | | | |  |  |
| Considering that the total count of successful campaign backers is much higher than the failed campaign backers, it makes sense that there is more variability. | | | | | | |