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

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

1. Parent category with most successful and met the goal is theater with successful entry of 187.
2. Parent category with least successful one is journalism but with no failed entry.
3. Film and video are the second leading in successful entry and will be leading as it is still active with five.
4. Area with most donations was plays and the least was world music.

What are some limitations of this dataset?

The limitation I noticed is how the data values are spread out. The data values go as high as 166k to as low as 0.

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

We can create box and whiskers to see the outliers and scatter plots to see how data is not clustered.

Statistical Analysis:

Use your data to determine whether the mean or the median better summarizes the data.

Yes, the mean and median better summarizes the data as the mean is very high compared to the median which shows data variability. It also shows that it’s the right skew distribution. Looking at the standard deviation and variance it shows how the data values are spread out and not clustered towards the mean.

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

There is more variability with successful. It does makes sense as the variance is extremely high compared to the unsuccessful campaigns. As we know high variance represents data variability.