**Module 1 Challenge – Report**

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1. Given the provided data, what are three conclusions that we can draw about crowdfunding campaigns?
2. Projects which were most successful are from Parent Category film&video, music, theater and technology.

Chart, waterfall chart

Description automatically generated

1. Highest number of campaigns held in the country US. Also, the most successful campaigns are from the US. And least are from the country Switzerland.

Chart

Description automatically generated

1. Projects which were most successful are from Sub-Category ‘plays’.

Waterfall chart

Description automatically generated with medium confidence

1. What are some limitations of this dataset?

* No data provided on baker’s city and age which can be used to decide from which city and age group have funded most.
* Donated money has different currency types. Having a different currency type can be ambiguous.

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

* Pie charts can be used for simple and easy to understand pictures.
* Bar charts can be used for more clarity and better visualization.
* A table for a project and country can be useful to understand the popularity of the project in different countries.
* A table that shows the most successful Category and unsuccessful Parent Category and Sub-Category

**Statistical Analysis**

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

Median is often less accurate than the mean because while mean is the average of all the data values, median is the average of just two observations in the very middle of the data.

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

Variability with successful and unsuccessful campaigns is more. If the data set is big and data is less consistent, then the chance of variability can be higher.