**Unit 1 Homework: Kickstart My Chart**

1. Given the provided data, what are three conclusions we can draw about Kickstarter campaigns?
   * As we can see in the chart below, film & video, music and theater have produced the most successful projects in terms of categories.
   * While theater did produce the most successful projects, it also resulted in most failed projects and many of the kickstart projects were submitted under sub-category “plays”.
   * Out of all the categories, music was the only one which produced a higher success rate compared to other categories. On the other hand, journalism had the very least projects submitted with 0% success rate

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| **Count of state** | **state** |  |  |  |  |
| **Category** | **successful** | **failed** | **canceled** | **live** | **Grand Total** |
| film & video | 300 | 180 | 40 |  | 520 |
| food | 34 | 140 | 20 | 6 | 200 |
| games | 80 | 140 |  |  | 220 |
| journalism |  |  | 24 |  | 24 |
| music | 540 | 120 | 20 | 20 | 700 |
| photography | 103 | 117 |  |  | 220 |
| publishing | 80 | 127 | 30 |  | 237 |
| technology | 209 | 213 | 178 |  | 600 |
| theater | 839 | 493 | 37 | 24 | 1393 |
| **Grand Total** | **2185** | **1530** | **349** | **50** | **4114** |

1. What are some limitations of this dataset?
   * This data isn’t very helpful for people living in other countries because majority of the projects which were submitted to Kickstart were from US. This data is also not very helpful because not all the money that were pledged are in same currency so to make it more easily readable, we would need to convert this data into USD first or else this data is irrelevant in terms of set goal and money pledged.
   * Earlier we concluded that sub-category plays had the most successful and failed projects from years 2009 to 2017. This data is not very helpful for novice organizations or companies who would like to submit a project because it doesn’t tell them which type of plays were successful and which ended up failing.
2. What are some other possible tables and/or graphs that we could create?
   * Count by country to see which country generated the most projects (Successful, failed, cancelled)
   * Count by years to see which year produced the most projects
   * Scatter plot of goal vs pledge to see if higher goal resulted in higher pledge
   * Pie Chart of pledged money by category to see which category generated the most money. Sometimes the category that generated the most money may not always end up having a higher count of projects submitted.
   * Average donation by sub-category to see which was the most successful sub-category.