UCI Data Analytics Bootcamp

HW 1

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1. **Given the provided data, what are three conclusions we can draw about Kickstarter campaigns?**

* Theater, music, and film/ video projects have the highest population. Therefore, there are more successful projects in these three parent categories. Theater projects have the most successful projects, but music projects have a higher successful project percentage.
* Projects with a subcategory of plays have the highest count as well as the most successful projects. However, projects with a subcategory of rock have the second-highest count and all of them are successful.
* There are more successful projects than failed or canceled ones in general. The number of successful projects increased until June and showed a downhill trend afterward. The number of failed and canceled projects stayed relatively constant throughout all months.

1. **What are some limitations of this dataset?**

A project looking for funding cannot change its business type because a certain category has a higher success rate. Therefore, as this exercise is to study the potential trend behind the successfully launched projects, there should be more items to reflect what made a successfully launched project stand out. For example, there can be more information about the size of the team, the quality of resumes of the team members, if a business plan is available, etc.

1. **What are some other possible tables and/or graphs that we could create?**

We can look at the successful/ failed/ and canceled project count by country and analyze the preference and success rate of different countries.

We can also look at the donations by year for different categories and see if there’s any trend or change.