Opportunity and Significance

My group has devised a way to categorize different types of data using MATLAB. Similar to a data analyst, we are going to use Kickstarter data from 2010-2017 to express the failed, canceled, and success rates of the Kickstarter process.

Technical Objectives

- Import the data onto MATLAB
- Show the prominence of the most popular categories
- Express the success, failed, and canceled rates of Kickstarter ideas
- Illustrate the data using bar & pie graphs
- Express a poly fit graph for goal averages per year over a period of time.

Technical Approach, Accomplishments and Results

The program will import the Kickstarter data from 2010-2017. The program will in turn execute a menu for the user to declare which function they would like to run first. Consequently, executing the desired task.

Related Work and State of Practice

- Data Manipulation
- Nested Loops
- While Loops
- For Loop
- If else
- If strcmp
- Call Functions
- Histogram
- Table
- Fit Curve to Graph
- Pie chart
- Bar Graph

Next Steps for Development and Test

Further research would be on better functions/tools to optimize the program’s speed and degrees of accuracy. Superior software or programming languages may be used to achieve this goal.

Commercialization Plan & Partners

My group and I will try to work with Kickstarter in the hopes releasing our program. Sun Kim, Nora Najem, Stephanie Whitney and I will be working hard to release the ideal product.

There any many types of hurdles which need to be addressed. One hurdle which needs to be overcome is the type of the data. Only reliable data from recent years should be used to extrude quality information. Another hurdle would be increasing the efficiency of the functions in the program. So only techniques to increase the productivity of the program.