Kickstarter Dataset Comparison Tool (KDCT)

Description: This site allows for analysis of Kickstarter statistics such as number of backers, total amount of money raised, and whether the Kickstarter was successful.

Data Set: We got our dataset(s) from this website: https://webrobots.io/kickstarter-datasets/ , which uses crawling software to compile CSV files containing information about kickstarters as of certain dates (downloaded on 10/10/2019). The founders of the website Web Robots, from which the data was obtained, are Tomas Vitulskis and Paulius Jonaitis. The dataset is a collection of csv files which can be found on the website previously provided (organized by date in unix time). There are no clear terms of use that are stated and no suggested citation. The openness of the website seems to suggest unrestricted use of the dataset, especially since all of the information collected is public on Kickstarter.

We have identified three main target audiences, which include:

1) Someone looking to open up a kickstarter that wants to look at data stuff.
2) A Kickstarter backer looking to see how likely a project is to succeed.
3) Someone who wants to see general statistics of kickstarter success rates / other data.

Some of the requirements we have come up with include:

- Be able to view possible relationships between variables
- Be able to sort data by specific ranges of a given variable
- Data should be formatted so that it can be more easily interpreted
- To be able to display success statistics
- To be able to compare success statistics
- To be easily navigable by someone who doesn't have much experience with technology.
- To be able to filter data and trends by categories and keywords
- To be accessible to people with various forms of colorblindness
- To be able to access and interpret kickstarter usage data

The requirements that we identified above primarily deal with providing the user with trends/ predictions, access to data, sorting capabilities, and accessibility.

Our collaboration plan is as follows:

Ryan:

- Merge the split datasets into one sheet (or at least fewer sheets, compress data).
- Cleaning up data, preparing it for processing

Sonya:

- Identify notable/ relevant trends in data that will help fulfill the requirements
- Determine most aesthetically pleasing/ color blind friendly color palettes to use

Eric:

- Consider how various features will need to interact in order to function properly
- Help determine how various pages in the site should be organized/which ones are emphasized

We plan to hold each other accountable by keeping in close communication over text and setting timelines for deliverable aspects of the project. We'll be meeting in person to talk through problems/issues. As we learn more about the project, we'll be creating more concrete roles and assignments to better subdivide work.