Project 2 Proposal

Adam Bilski

Julia Revier

Brandon Uhler

Alan Riveros

You will need to start brainstorming topics with your group and researching potential data sets. Your focus should center around:

● Selecting a topic- Drinking water quality- Minnesota   
● Finding a data set- Minnesota Department of Health data  
● Finding inspiration- The website where we download our data, they have interactive maps that we would try to emulate using d3, leaflet, interactive dashboards, possibly more…  
● “Sketching” your ideal visuals

* Chloropleth of contaminants within counties in Minnesota
* Drop down dashboards to select specific data
* Gauge or chart to show levels of contaminants
* Heatmap of pop and contaminants
* Yearly chart of progression over the years

● Creating a 1-page proposal (the sooner you finish this, the sooner you build the project)

For our team project, we want to take a look at the drinking water quality for the state of Minnesota. We can retrieve data from 2008-2017 with various amounts of contaminants that can be broken down to the county and city levels. The file comes in CSV format which we can import into D3, also if we want to convert the CSV data that would also be a possibility using what we learned in the ETL project. We will have to find the lat/long data to join in so that we can make a map of the different locations. There are multiple visualizations that we can make from the data including any of those that were mentioned above.

HTML

JS

CSS

App.py

CSV Data

D3

Data Base

JSON

Flask

