Final Project

Purpose:
- apply what you have learned in class to a real-world problem
- must use an interactive + visual + analytics approach

Tasks:
- find a real dataset & challenge that interests you
- determine what aspects you would like to analyze and how

Possible data sources:
- use the same or different sources you used for your project

Deadlines:
- April 11: project proposal (4 pp.): background, problem, approach
- April 25: preliminary report and results (proposal + 4 pp.)
- May 21: final presentation (poster), report (prelim + 4 pp.), video
  all due on Blackboard, video on youtube with a link on the report
Give it Some Persuasive Boost

Tie your project to something people really care about (from here)

- safety, from abuse, violence, coercion, threats, etc.
- health care
- nutrition, including variety and quantity in food and beverages
- housing
- employment/jobs
- wealth
- education, including accessibility, quality, quantity
- liberty/freedom/limits ... do things, have things, say things, move
- democracy, to participate in making policy and laws
- justice (laws/rules), including "fairness"
- mobility, to travel, move about, get to places, meet
- environment - beauty, art, air, water, weather, scenery, open space, quiet
- entertainment and community, for socializing and fun

Mine the web for data that tie with yours via some shared attribute
Alternative to the visual data science projects

Make a proposal for a project that:

- uses visual analytics within a wider application
- uses visual analytics to address a specific problem
- uses visualization for better data understanding
- creates a new visual analytics tool
- develops a new theory/algorithm/method for visual analytics