

CSE 5544 Midterm Project

Assigned: 10/18/2018

Proposal due: 10/25/2018

Project due: 11/11/2018

Data sets:

<http://www.cs.umd.edu/hcil/varepository/index.php>

Project overview:

Your project is to select data from the above repository, formulate analytics questions, and implement a web based visualization system using javascript D3 with graphical user interface (GUI) to allow interactive exploration of the data. By “interactive”, I mean you will allow the user to select and control what is displayed that will facilitate analytics.

Grading rubrics:

Your project will be graded based on:

1. Quality of problem summary: do you have a well defined problem statement, and do you clearly state the goal of analytics?
2. Quality of questions: do you have compelling questions?
3. Quality of visualization: Does the visualization tell the story in a clear and innovative way?
4. Quality of analysis: Do you have compelling analysis from visualization?
5. Breadth and scope of data used: does the visualization include data that include a reasonable

Project Timeline

1. **10/25/2018**; Form a two-person team and submit a project proposal - your proposal needs to include the team members, a brief problem statement, data source(s), analytics questions, each team member's duty, and the expected visualization

Each team needs to email a proposal to Prof. Shen (shen.94@osu.edu) by 10/25 11:59 PM

2. **11/11/2018**: Submit your project via Carmen
 - a. Datasets
 - b. Visualization data and source code: HTML/javascript/D3 and other necessary code
 - c. A project report that address the five aspects listed in the rubrics above. The report should also include visualization snapshots from your system

**** Since this is only a midterm project, don't be too ambitious. Define the problem so that it can be done in two weeks by two members**

