

INFO 290TA HW3:

Mobile Web & Data Visualization

Deadline

Nov 6, 2013

Grading

5 points

Tasks

Part A: Mobile Web (2 points)

Open the files part A. index.html is a simple page layout that is optimized for “big browser.”

1. Using responsive web techniques, create a mobile version for this page. You will be changing the `<head>` section of the HTML slightly (recall `<meta>`), but otherwise the DOM should not change. (1.5 points)
2. Describe the changes you made in a few sentences (<100 words). (.5 point)

Part B: Data Visualization (3 points)

Open the files for part B. index.html contains a blank svg that will house your visualization.

1. Create a simple visualization based on the data included in `_js/script.js`. Think about the type of visualization that would make the most sense given the data (would it be a pie chart? A treemap? Line chart?). You may use D3.js or other charting libraries if you wish. (2.5 points)
2. In a few sentences (<100 words), explain your choice. Why did you decide to use a bar chart over a donut chart, for example? (.5 point)

Part C: Extra Credit (1 point)

Find an existing data visualization (static or interactive) and critique it.

1. Is it a good or bad example of data visualization?
2. Why do you think it's a good/bad example? State two or three reasons.
3. Name two or three potential changes you would make to improve the visualization.

In addition to your answers, don't forget to include a screenshot of the visualization (and a link if it's interactive).

Submission Notes

Create one pdf that contains your answers for parts A2 and B2 (and part C if you choose to do it). Include this pdf in your zipped file submission.