



DSCI 554 LAB 3

BAR CHARTS AND SCATTERPLOTS USING HTML, CSS, SVG, D3 AND VEGA

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DISCUSSION ON WEB-BASED VISUALIZATIONS IN PLAIN HTML AND CSS

- Motivational example
- When to use?



 **EX1: BAR CHARTS WITH DIV**

 **EX2: BAR CHARTS WITH SVG**

 **EX3: SCATTERPLOTS WITH SVG**

 **EX4: BAR CHARTS WITH D3 SELECT & APPEND AND DIV**

 **EX5: BAR CHARTS WITH D3 DATA JOIN AND DIV**

 **EX6: BAR CHARTS AND SCATTERPLOTS WITH VEGA**

 Make sure to commit & push before the end of the lab (15% of grade)



DISCUSSION ON VISUALIZATION TOOLS

- When to use html?
- When to use svg?
- When to use d3?
- When to use Vega?
- When none of the above are good to use?

