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Visualization for Data Science
DS-4630 / CS-5630 / CS-6630

Group Activity: Design Sprint

Design Process

- A few weeks ago, we discussed design processes

- Today your goal is to use Munzner's model to build a visualization
    - Reminder, Munzner's model has 4 phases
        - domain problem characterization
        - data abstraction
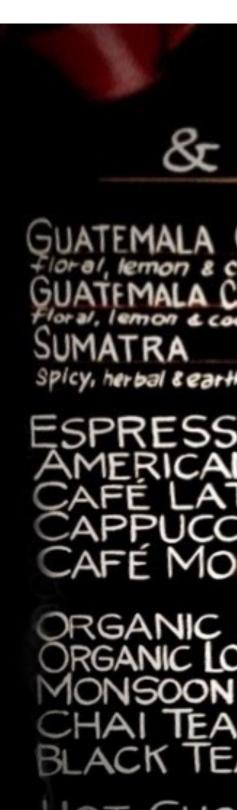   - visual encoding
        - algorithm

Instructions

- Start with domain characterization (i.e., what do you want to visualize about a menu that might be helpful in decision-making, sharing information, etc.)

- Perform data abstraction (this should be quick, since you did it a few weeks ago)

- Perform visual encoding (i.e., build the visualization)
  - You can use any tools you want
  - Your visualization should convey whatever your domain characterization focuses on
  - We will have a class vote for the best visualization in a few class periods (best visualization receives a small amount of extra credit)

Submission

- Provide an image of your visualization

- Provide a short write-up, including discussions on
  - domain characterization
  - data abstraction
  - visual encoding