Test 1 Review

Key points to focus on

September 2015

- Types or data organizations
  - What, when
- Types of data variables
- Ways to encode variables & effectiveness

Ways to Present Each

- Multivariate
- Hierarchy (tree)
- Graph (network)
- Don't forget time and geography as variables
  - Time as a first class variable (meaning we spent time on time and ways to present time)
- For each method
  - Pros/cons
  - Compare/contrast

Scalability of Visualizations

- How well does a visualization scale up with more …..

- How might various interaction methods be used to make scale-up possible

- "Overview first, zoom and filter, details on demand" Shnedierman's Mantra

Interaction Methods

- Methods
  - What, when
  - Design Issues
  - Pros/cons
  - Compare/contrast
  - How might implement in D3 (high level)

D3

- There will be a piece of code with questions about what individual lines or groups of lines are doing