Scholar Strike

- Speaking out
  - Against police brutality
  - In support of Black Lives Matter
- Inclusion, diversity, equity, & ethics
  - In this course
- Requestful and inclusive learning setting
  - In field of visualization
- Diversity and inclusion for participation within field
- Visualization as mechanism to inform and promote change
- Ethics of data use

- Design space examples/discussion: 15-20 min
- Reportback: 30-40 min
- Flip through google docs, sometimes questions for group spokesperson
- Design space examples/discussion: 15-20 min

Case 1: 3D Approach (Not Recommended)

- Extruded curves: detailed comparisons impossible

Case 2: Stack Zooming

- Derived data: cluster hierarchy
- Mix multiple views: calendar, superimposed 2D curves

Case 3: ChronoLenses

- Time-series scenarios
  - Every 5 min, duration 1 year, 1 thing: building occupancy rates
  - Several years and several things: every 5 min, 5 years, 10 currencies
  - Several parameters, many things: every 5 min, 1 year, 10 params on 1000 machines
  - Small-group exercise: 20-30 min
    - One group per Zoom breakout (4 people/group)
    - Brainstorm possible visual encodings & interactions for your assigned scenario
    - Document in your group google doc w/ text & sketch images
  - Reportback: 30-40 min
  - Flip through google docs, sometimes questions for group spokesperson
  - Design space examples/discussion: 15-20 min

Case 4: RankExplorer


Case 5: LiveRAC video


Next Time

- To read
  - Book, Ch 2: What Data Abstraction
  - Book, Ch 3: Why Task Abstraction
- Paper: Nested Model

Readings and resources

- Data Visualization Society & Nightingale Journal
  - Resources, including Data Sources for Analysis of Racial Bias
- 6-part article series on pioneering work of W.E.B. duBois
- Data Feminism book
  - Data science and data ethics, informed by intersectional feminism
- Designing for People Initiative (DFP) events (videos coming soon)
  - Ethics in tech & data use seminar yesterday
  - Two EDI workshops: Data Feminism, Intersections in Visualization

Course Logistics Q&A

- VAD Chapter 1
- Course Logistics
- Async discuss
- Self-intros (light load this week)
- Time series exercises
  - Small groups via Zoom breakout
  - Technology glitch: first time for online version of class!