Information Visualization
Tools, Paper Types, Pre-Prop Mtgs
2Nums/Color Exercise

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http://www.cs.ubc.ca/~tmm/courses/547-20
Tools guidance

- [https://www.cs.ubc.ca/~tmm/courses/547-20/tools/](https://www.cs.ubc.ca/~tmm/courses/547-20/tools/)
  - How to choose?
  - Specific tools
    - D3/JS
    - Vega-lite
    - Altair (python)
    - ggplot2/Shiny (R)
    - Tableau
  - More resources
Paper types: Different emphasis & structure

• theory/model
  – ex: Nested Model, DSM

• technique
  – ex: LineUp, Bertifier

• evaluation
  – ex: ArteryViz, RainbowsRevisited

• design studies
  – ex: AbyssExp, Geneaology, TensorFlowGraph, Paramorama, (ArteryViz)

• algorithm
  – ex: Necklace Maps, Myriahedral

• system
  – ex: D3, Polaris, GrammarOfGraphics
**Groups**

- groups due: noon Friday
  - post on Piazza in pitch thread, if you haven't already done status update
  - create your group within Canvas
    - name: project title (short version ok)
    - include all members
    - we'll import those groups into Piazza later
Pre-proposal meetings next week

• will use all Tue 3:30-5 office hour & all Thu 3:30-5 class time
  – plus a few more, depending on final group count
  – so next week, no sync session with full group!
  – I'll use office hours zoom link, not normal Thu link

• 15 min slot for each group, sign up through Canvas
  – we'll post on Piazza when signups are ready (Fri afternoon or later)

• slides required, 5 min max (shorter is fine)
  – update me on what's changed since pitch
  – don't repeat, but can reuse pitch slides if helpful
  – I'll give you feedback based on your pitch and your update
Exercise: 2Nums/Colors