Warm-up activity:

1. What is the visualization trying to show?

2. What are its methods?

3. What are the strengths / weaknesses?

Networked and Hierarchical Data:

- Node-link diagrams
    1. Trees: topological, ordered, one incoming edge, discrete
    2. Force-Directed Graphs: Forces can be weighted, discrete, path distance

        Drawbacks: different every time

        Link density

    Including:

    1. Nodes : 0-to-many edges linked to them

    2. Edges : associated specifically with 2 nodes

        can have a direction

        can have a weight

- Matrix views
    1. Adjacency Matrix

- Hierarchical Data
    1. Trees
    2. Containment
        1. Treemaps
        2. Nested Circles

- Compound Networks
    1. Network and Tree together

Python :

  building a mini-dashboard using Maps of different kinds.