

**Spreadsheets and other data visualizations**

1. Data
  - (a) Warning labels
  - (b) What are the right tools for storing and analyzing data?
  - (c) Data Manipulation before spreadsheets  
**COBOL**
  - (d) What was so great about visicalc?  
**killer app**
    - i. How do you come up with an idea this great?
    - ii. What's dangerous
    - iii. Tabular Data Before Spreadsheets
2. Assignment: Historical Data
  - (a) Handout
  - (b) What were these used for?
3. Data Visualization principles in Tufte