

Lab: Data Reconstruction

In order to make effective visualizations you must be able to critique and deconstruct them.

– Your Last Lab

You’ve decomposed a visualization into it’s constituent parts. But that’s only the first step.

In this lab you’ll take two of the visualizations you critiqued last week, and redesign it.

You are free to use any tool or approach for your redesign. Photoshop, Illustrator, pen & paper, PowerPoint, Keynote, d3, R – whatever you’re comfortable with.

Don’t limit yourself to the same visualization metaphor or data aggregation. For example, many maps map data to a color scale, but what if a series of bar charts, scatterplots, or some other diagrams better show trends and insights?

You are encouraged to work together in teams for this project. Look for teammates you haven’t worked with before – you can use visualizations from anyone’s previous submission.

Requirements

1. Choose two of the visualizations someone on your team has critiqued.
 - Redesign them.
2. Concisely justify your changes.
 - How do they better align with the goal of the original visualization, or,
 - How does changing the visualization lead to new insights?

Turning in the project

Fork the example [Lab repo](#). Make changes, add your images, and make a pull request.

Grading

This lab is graded on a 120 point scale. The writeup will be graded completeness (100) and overall quality (20).