

Final Project

For this assignment, you (**group of 2–3 students**) will use Streamlit library to explore the issues involved in implementing interactive visualizations. You will build an **infographic visualization** that enables **interactive** exploration of a dataset of your own choosing. Possible techniques include panning, zooming, brushing, details-on-demand (e.g., tooltips), dynamic query filters, and selecting different measures to display.

You are free to also consider highlights, annotations, or other narrative features intended to draw attention and provide additional context. Implement your graphic in a static html and submit your final project on LMS.

In-Class Presentations (Week 16)

Each group should conduct a max 15-minute presentation that covers the following content (at least):

1. A short introduction to your dataset and goals of your project: what is it that your visualization is trying to help a reader with, and why it is important?
2. A demonstration of your project so far.
3. A discussion of some of the key design decisions.

The grade will be based on how well you describe your dataset and motivations, and how compelling the demonstration of your visualization.

Grading Criteria

Grading criteria	Proportion
Dashboard design quality	30%
Interactive technique	30%
Presentation	20%
Team contribution	20%

Document that should be submitted:

- Link of interactive visualization dashboard
- Source code