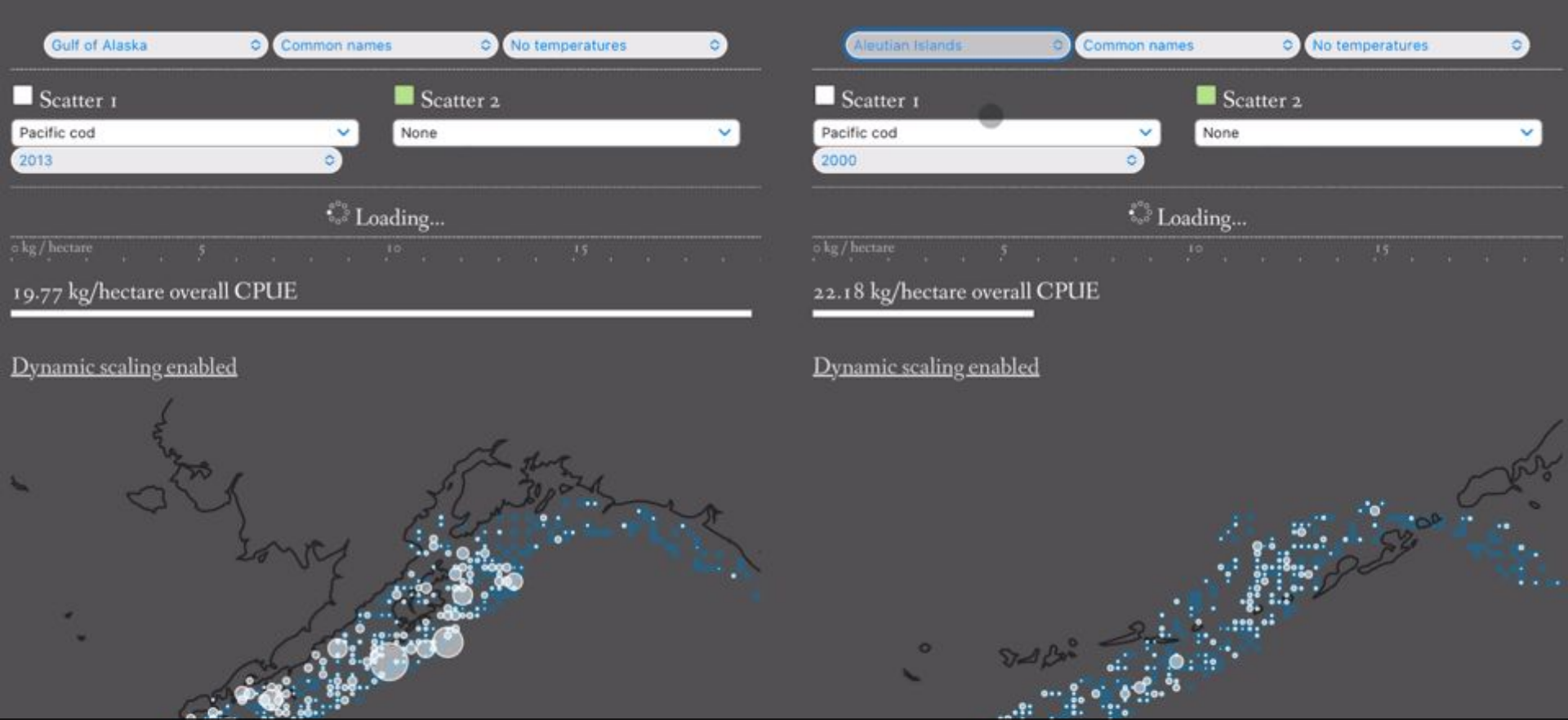
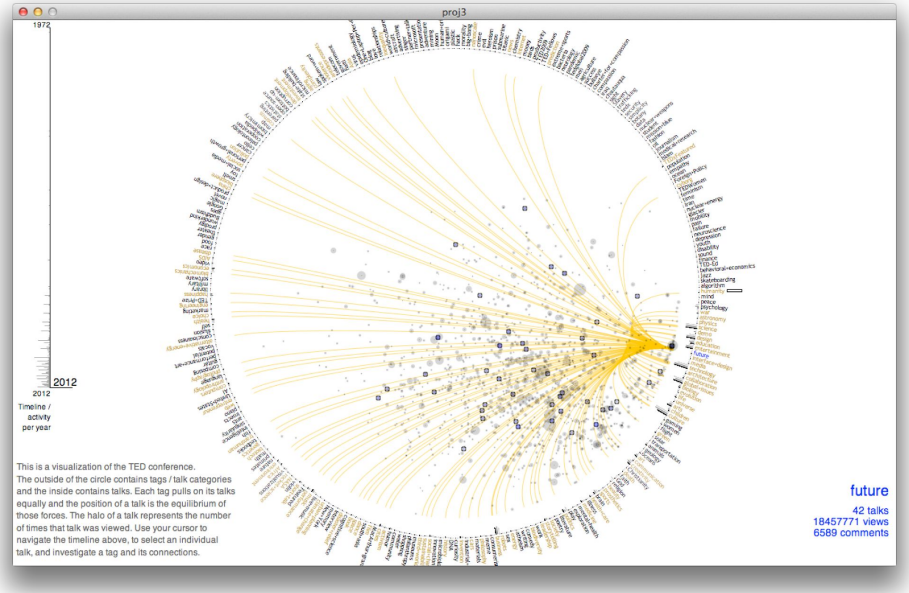


Lecture 2

A Samuel Pottinger
Jan 25, 2025
Stat 198: Interactive Data Science and Visualization



Today

Reminder of the 4 perspectives

Group activity

Data Visualization in 4 Acts

As representation

As task

As message

As dialogue

Warm Up

Warm Up

Perspective 1: What are the data attribute and their encodings?

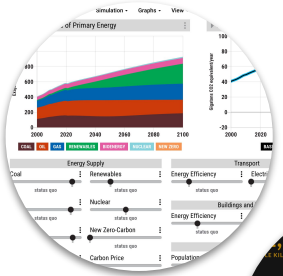
Perspective 2: What task or user journey is being accomplished through the piece?

Perspective 3: Does the piece try to also convey an emotion and, if so, how?

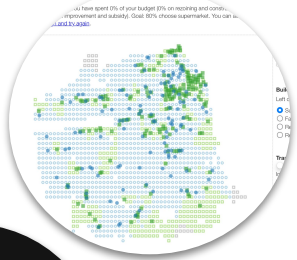
Perspective 4: Does the piece invite the reader to reach new their own conclusions about the data and, if so, how?

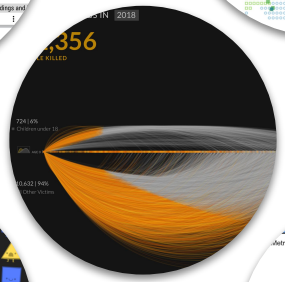
Break into groups of 3-4: try out a visualization and report back.

en-roads.climate interactive.org

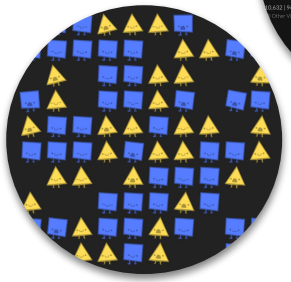


foodsimsf.com





guns.periscopic.org



ncase.me/polygons

incomegaps.com

Perspective 1: What are the data attribute and their encodings?

Perspective 2: What task or user journey is being accomplished through the piece?

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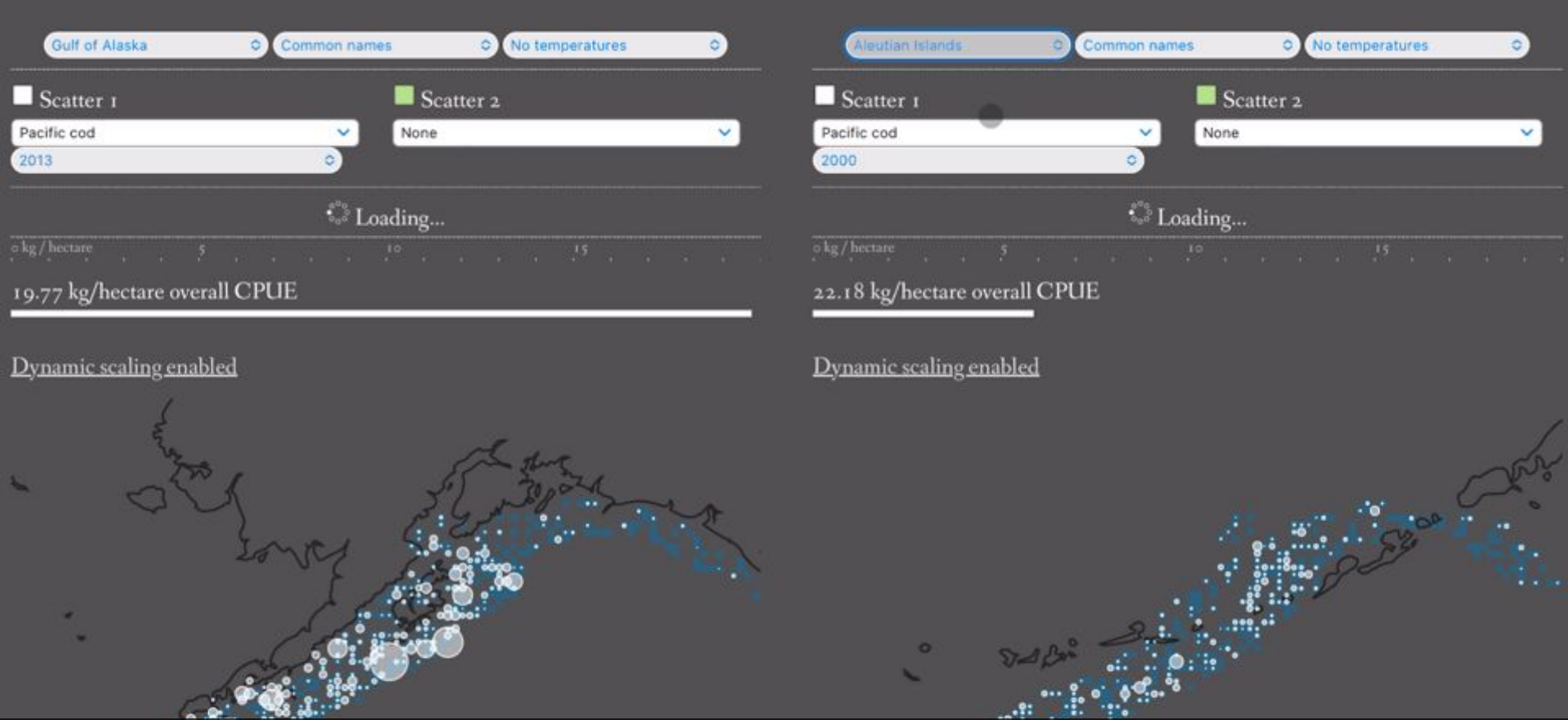
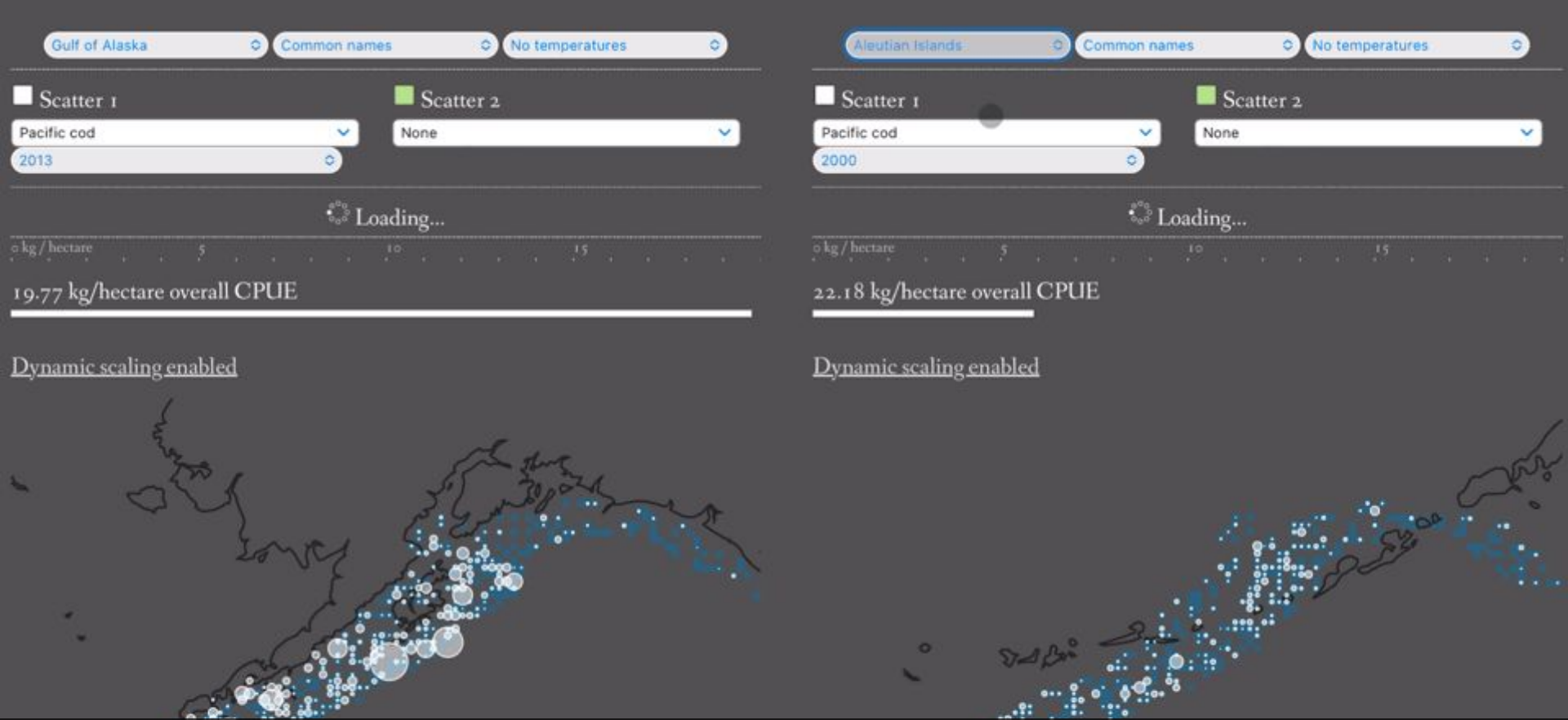
Perspective 4: Does the piece invite the reader to reach new their own conclusions about the data and, if so, how?


Gulf of Alaska
Common names
No temperatures
Scatter 1
Pacific cod
2013
Scatter 2
None
Loading...
0 kg / hectare
5
10
15
19.77 kg/hectare overall CPUE
Dynamic scaling enabled
Aleutian Islands
Common names
No temperatures
Scatter 1
Pacific cod
2000
Scatter 2
None
Loading...
0 kg / hectare
5
10
15
22.18 kg/hectare overall CPUE
Dynamic scaling enabled

Skills Labs!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