Northwestern University

Exploring Different Chart Types – Part 2

Week 6

AGENDA

- Week 6 in-class exercise
- Lecture exercise
- Final project proposal
- Mini-survey
- Discussion
- Demo
- Exercise

IN-CLASS EXERCISE

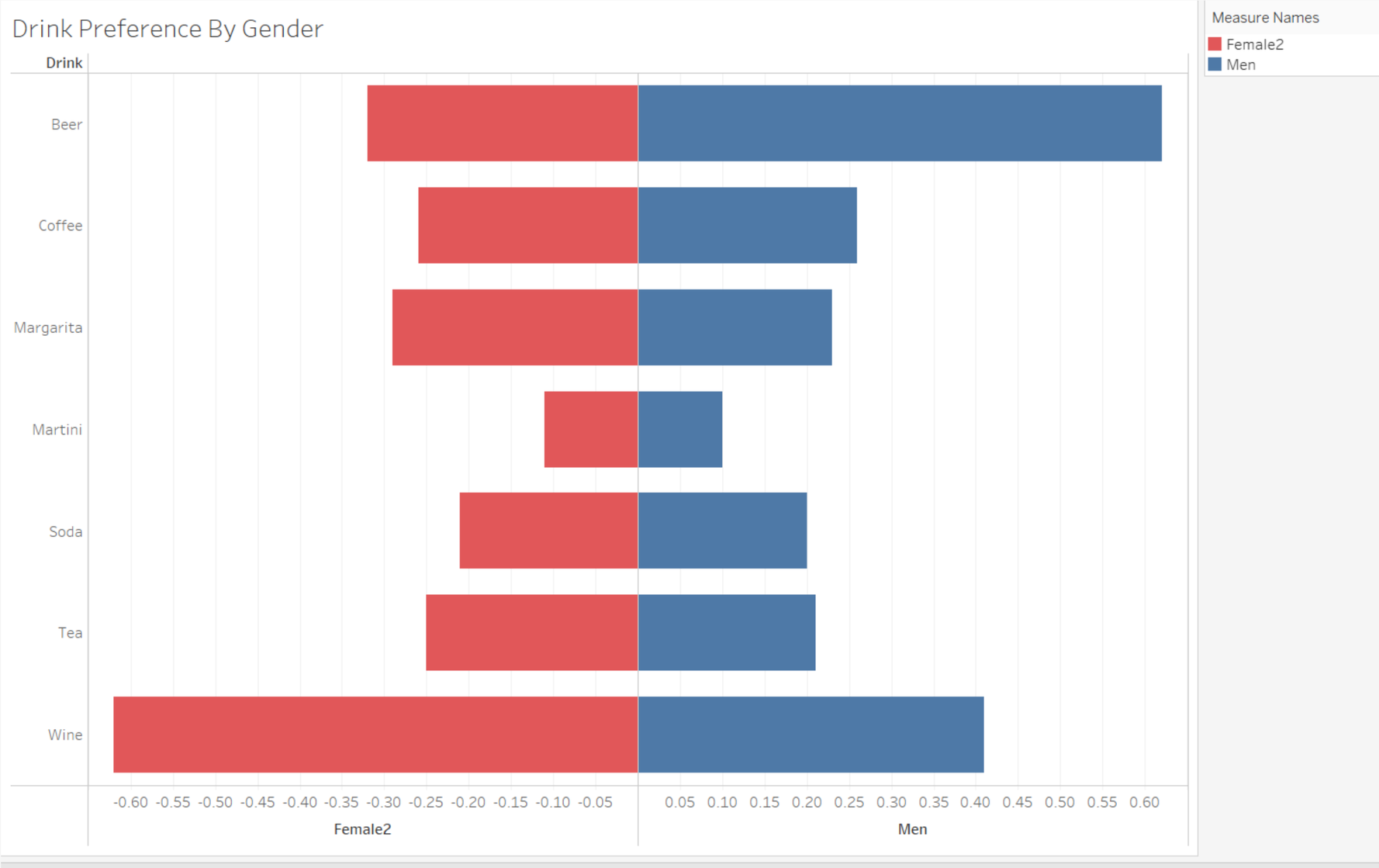
Work in pairs.

Use the data set “Most Popular Drinks” to create a diverging bar chart, with male and female bars going in opposite direction.

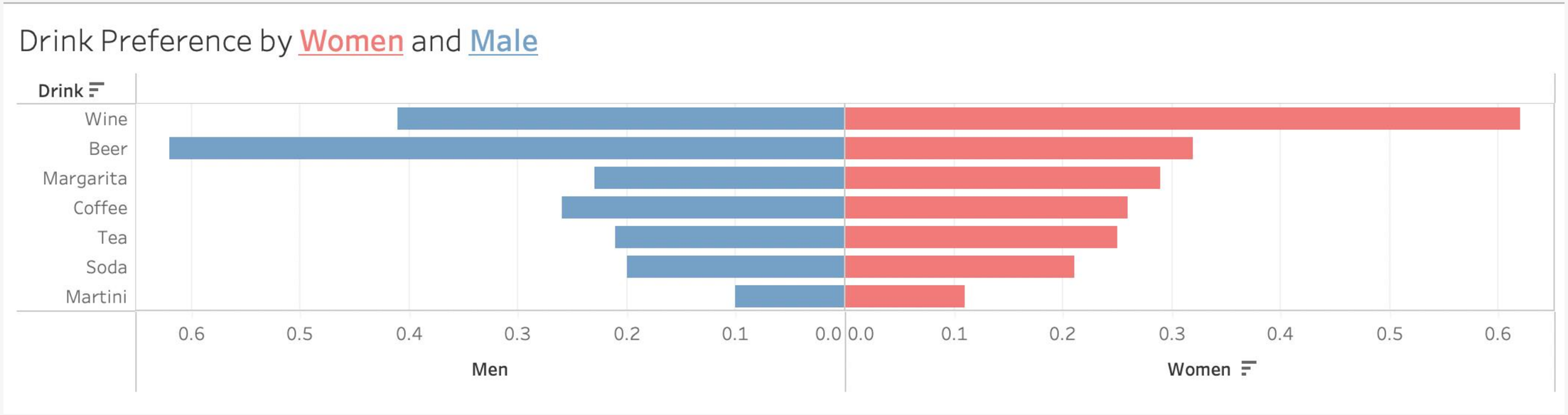
What did you learn in the process?

How would you present this graph to your classmates? Make sure to make it relevant to them and summarize the insight concisely.

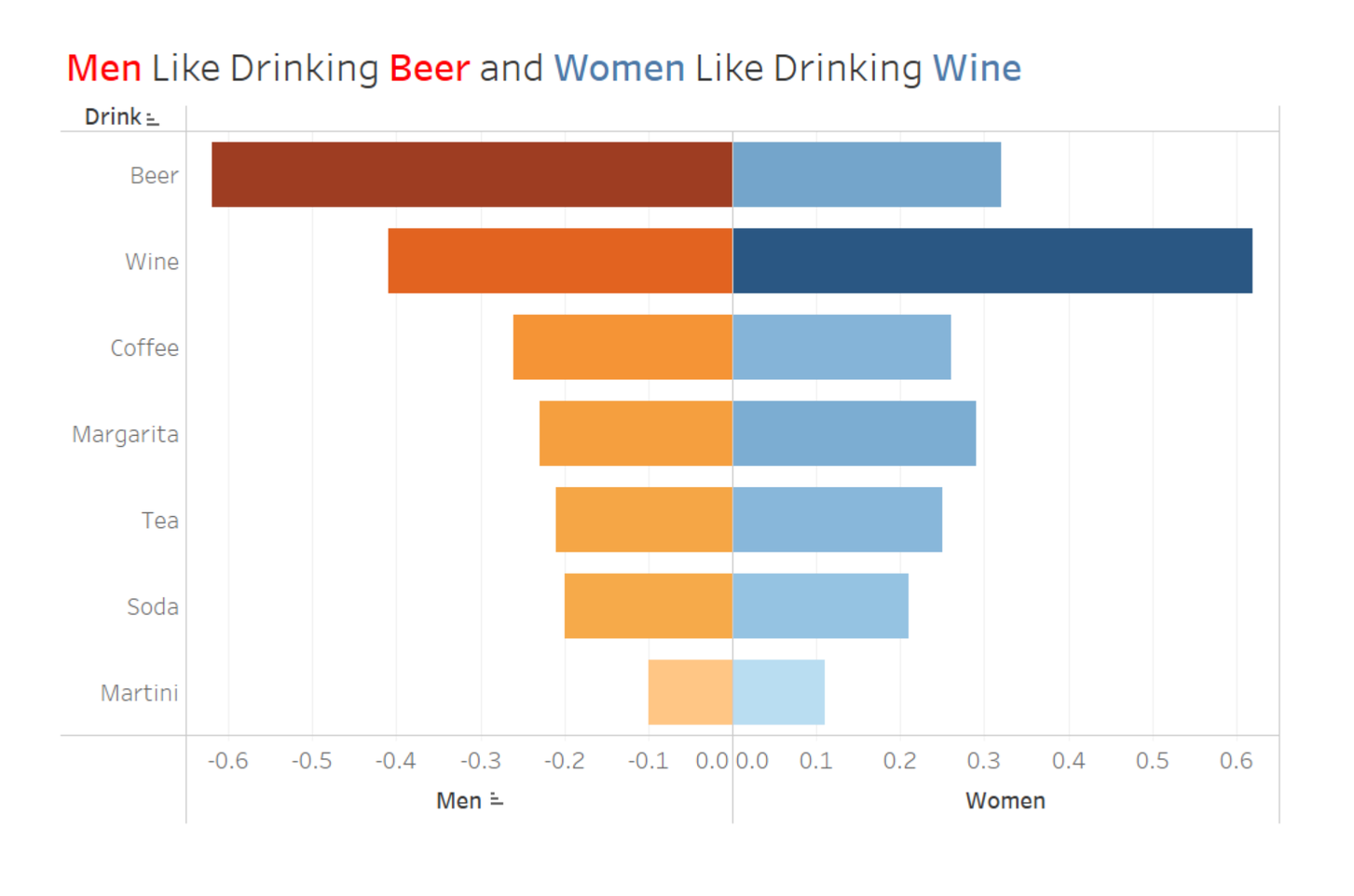
Omar and Daniel



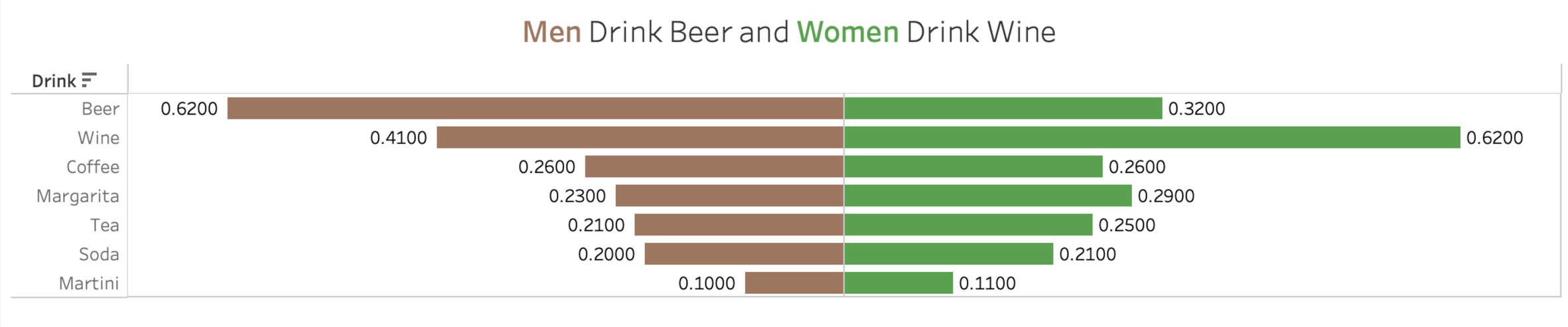
Kira Luo and Siming Su



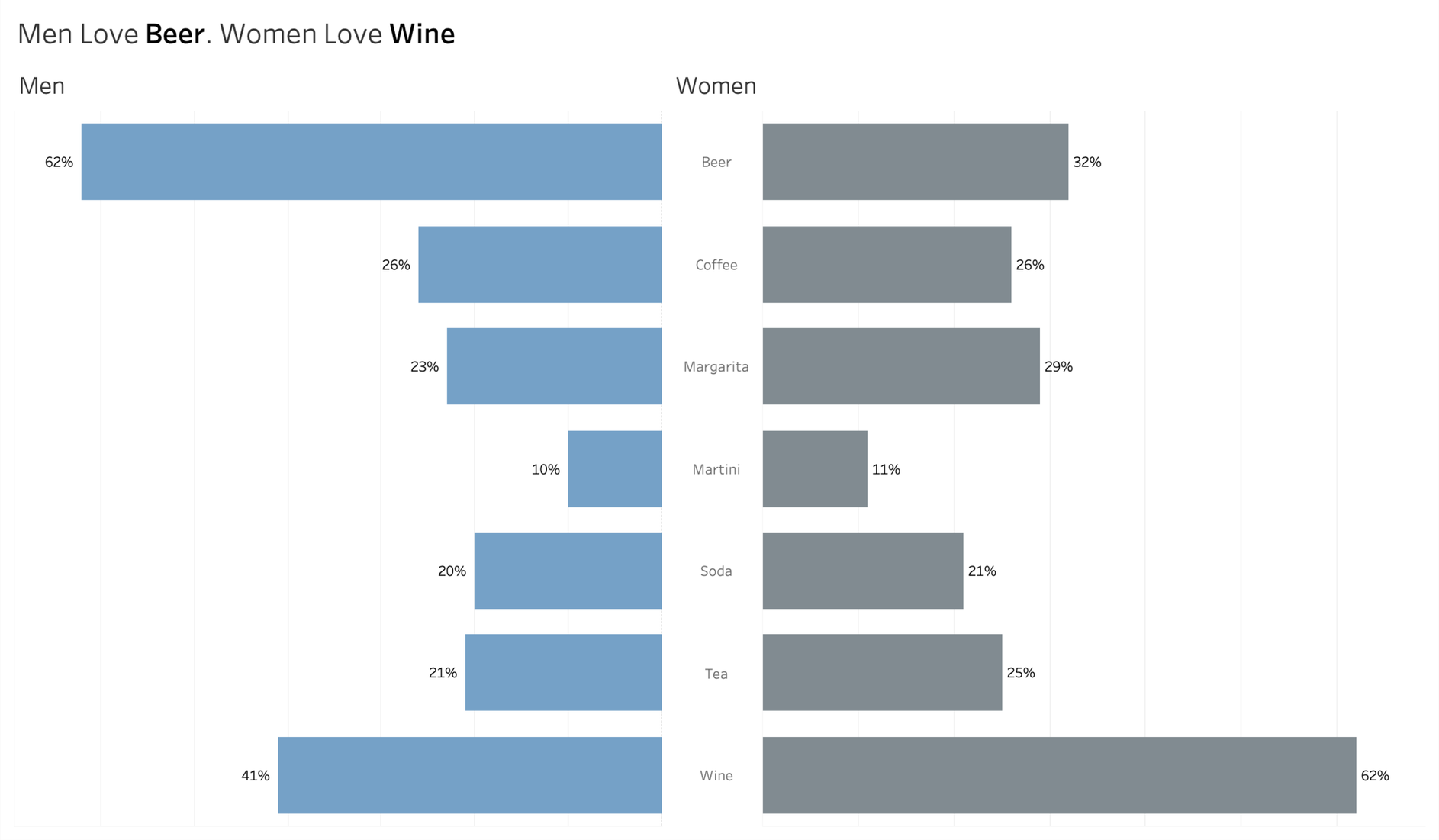
Gabriel and Mark



Kate


Men Drink Beer and Women Drink Wine
Drink
Beer
Wine
Coffee
Margarita
Tea
Soda
Martini
0.6200
0.4100
0.2600
0.2300
0.2100
0.2000
0.1000
0.3200
0.6200
0.2600
0.2900
0.2500
0.2100
0.1100

Jackie Kim


Men Love **Beer**. Women Love **Wine**
Men
Women
62%
Beer
32%
26%
Coffee
26%
23%
Margarita
29%
10%
Martini
11%
20%
Soda
21%
21%
Tea
25%
41%
Wine
62%

EXERCISE

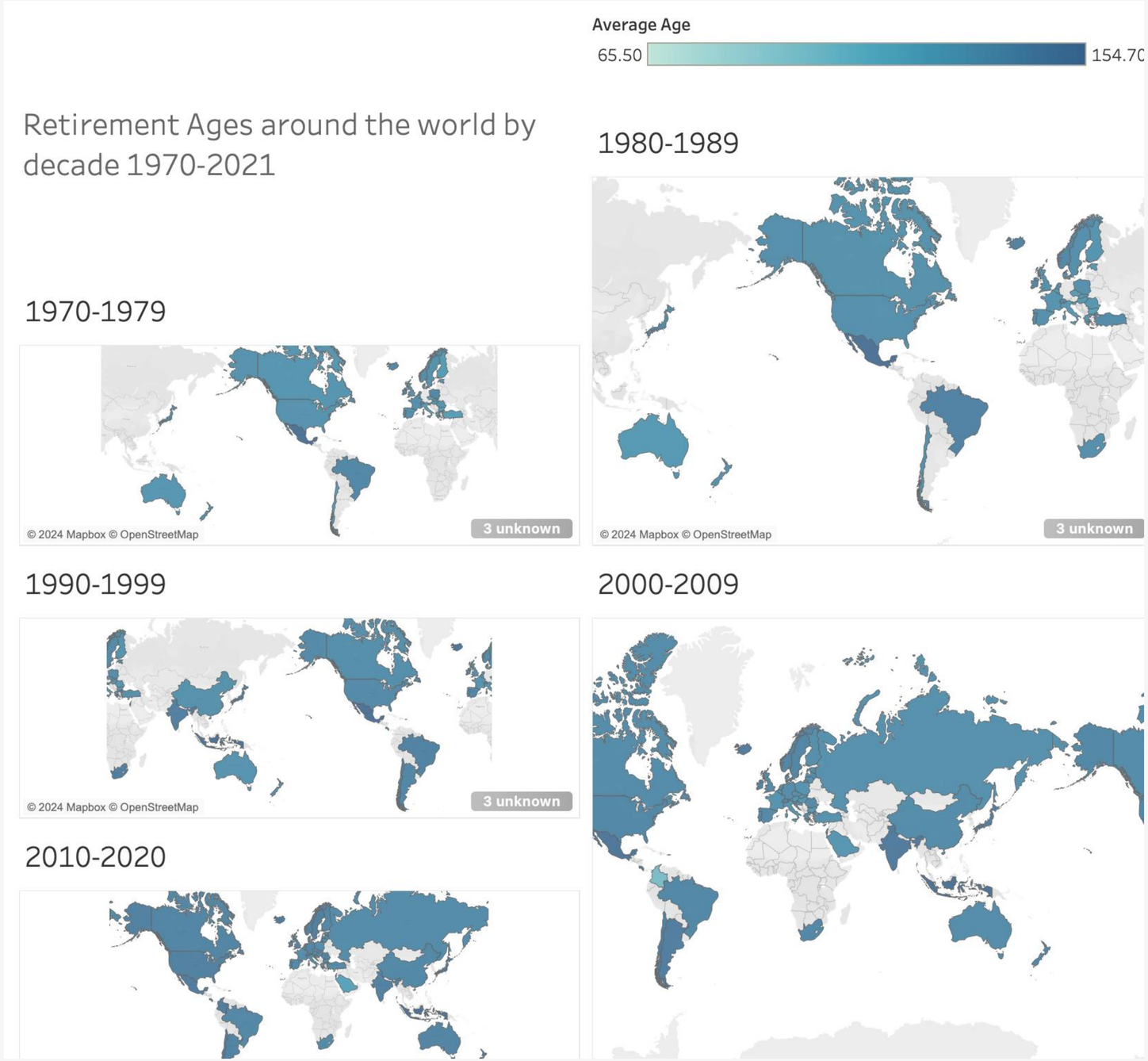
Use the data on retirement ages around the world to create a map in Tableau and answer the question: “How do retirement ages vary around the world?”.

You can use all the data points or some of them.

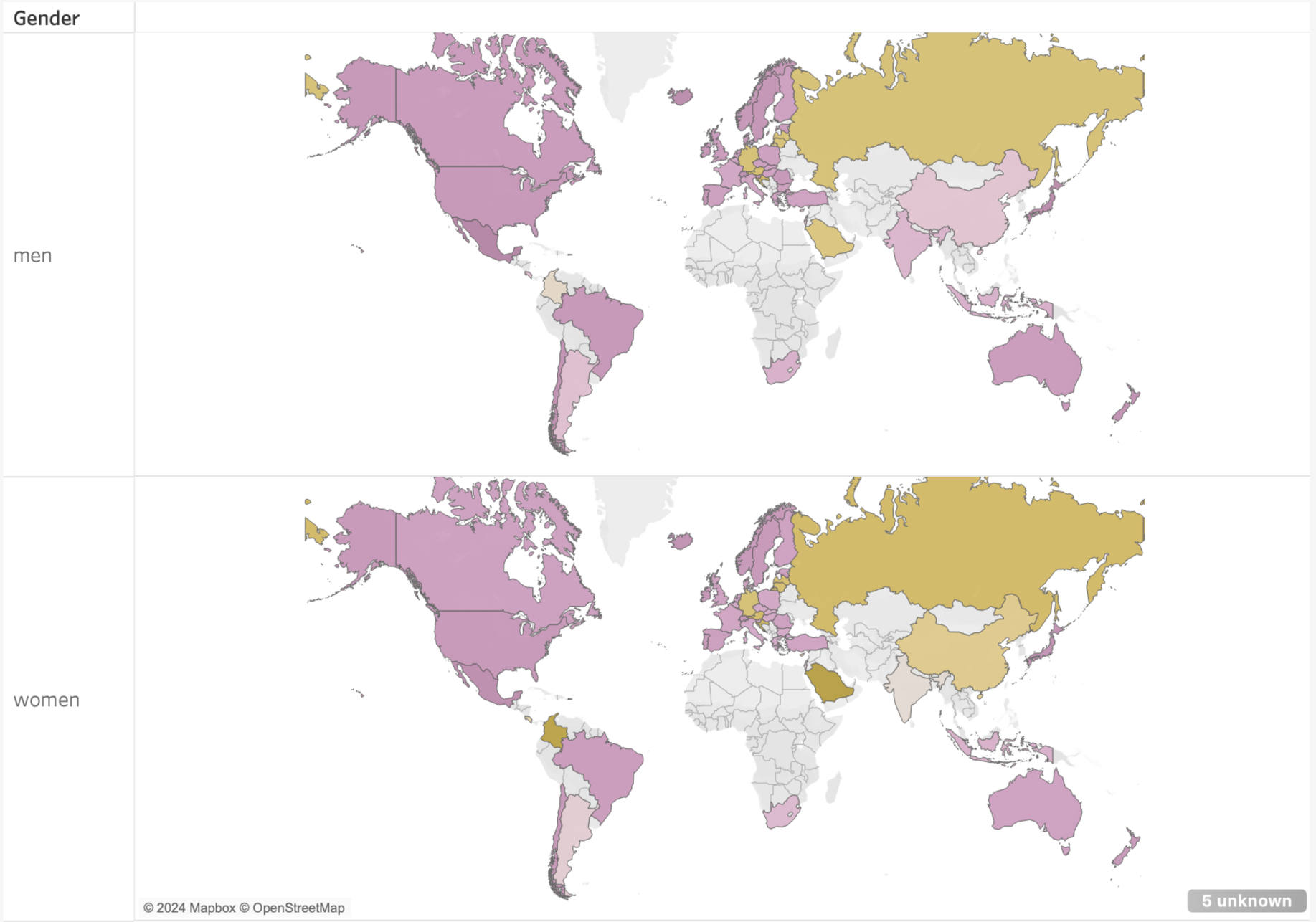
Provide a rationale for the map type you used.

Post your rationale and the map on Canvas.

Cailey Farrell



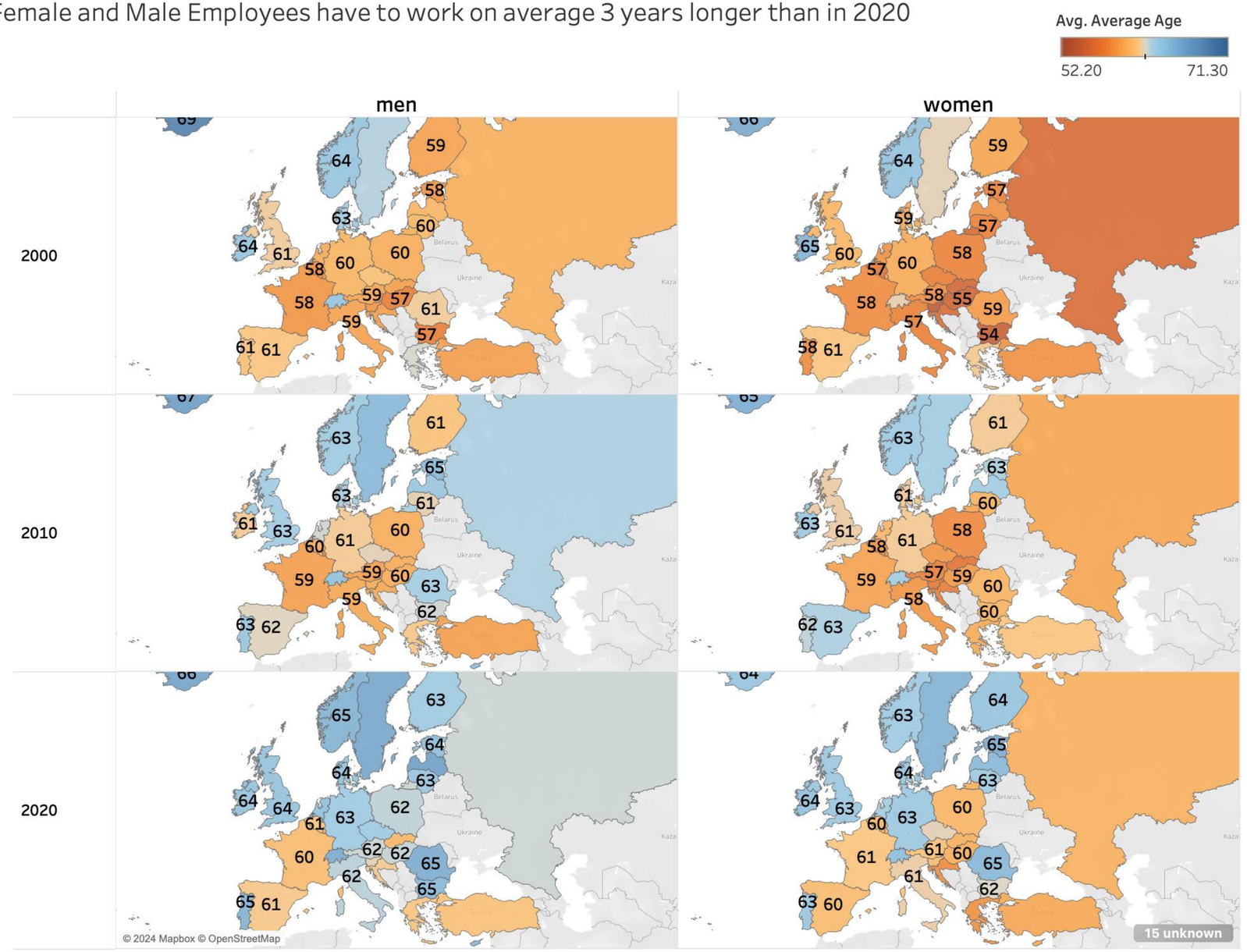
Zoe Li



Jakob Kuemmerle

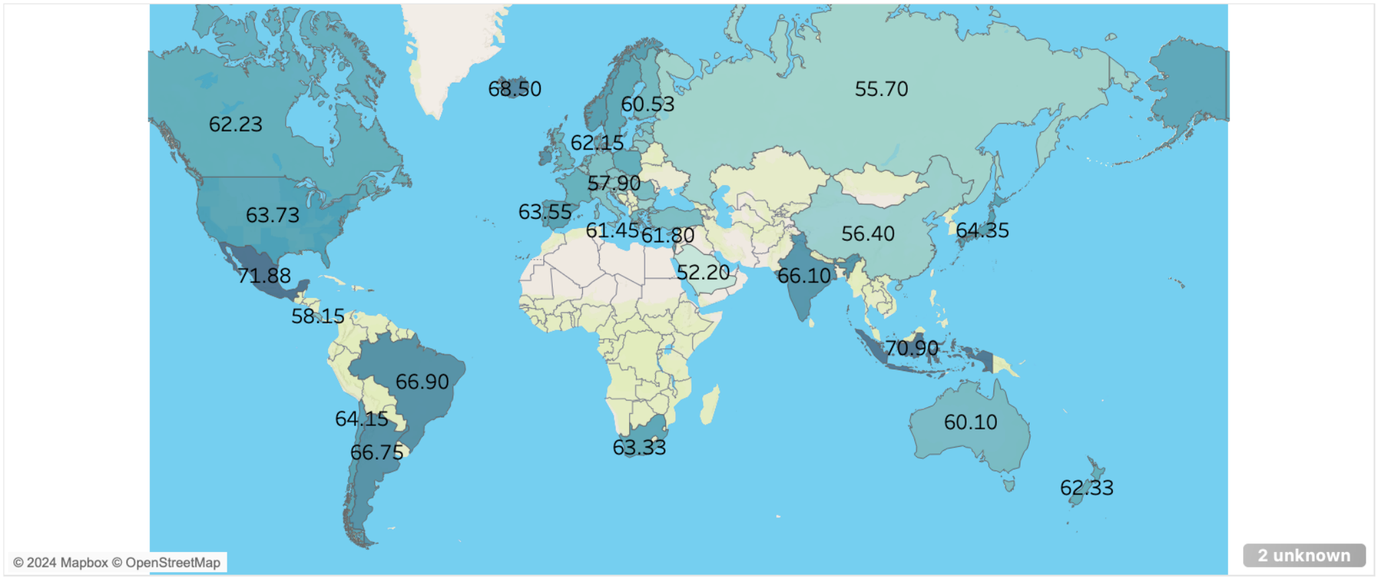
Retirement Age in Europe keeps increasing

Female and Male Employees have to work on average 3 years longer than in 2020

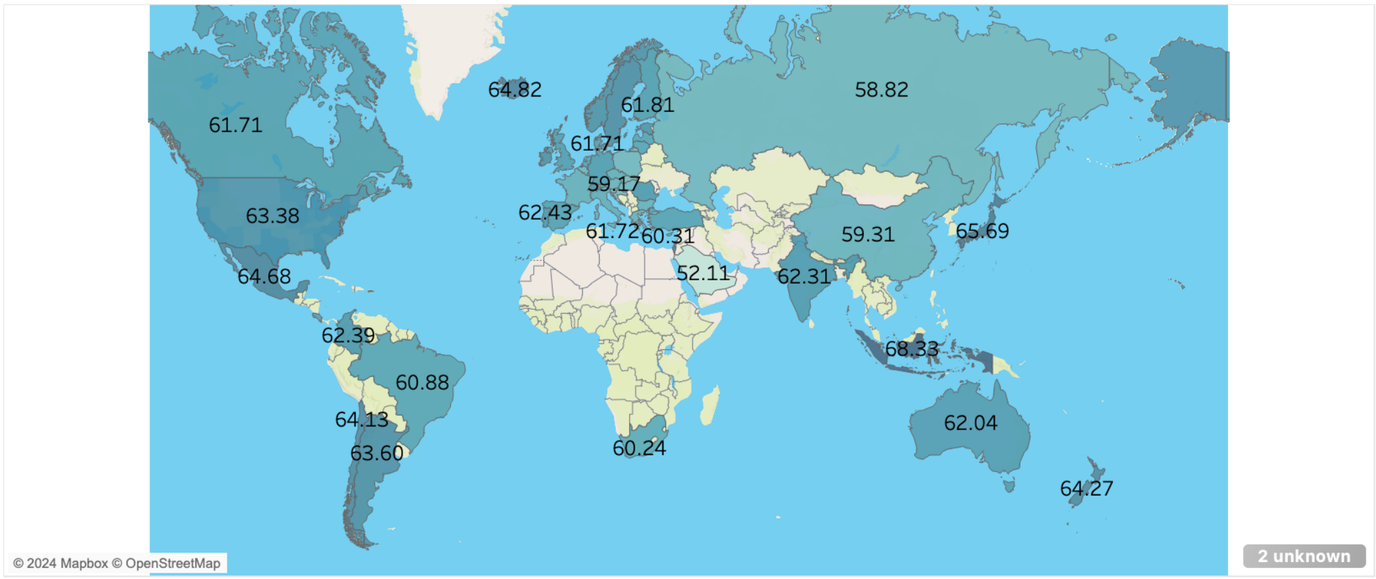


Zhiyi Zhu

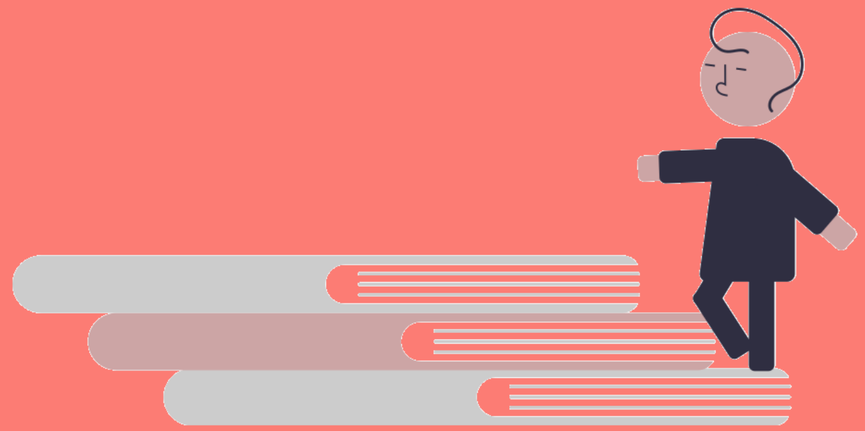
1970-2000



2000-2020



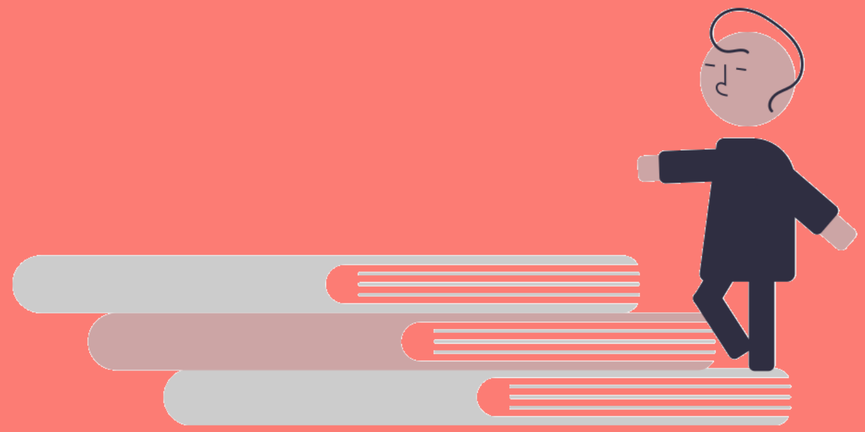
Choose an emoji that best describes how you feel about the exercise



Final Project Proposal

Mini-survey

Should you always create a map when you have geo data?



Demo

EXERCISE

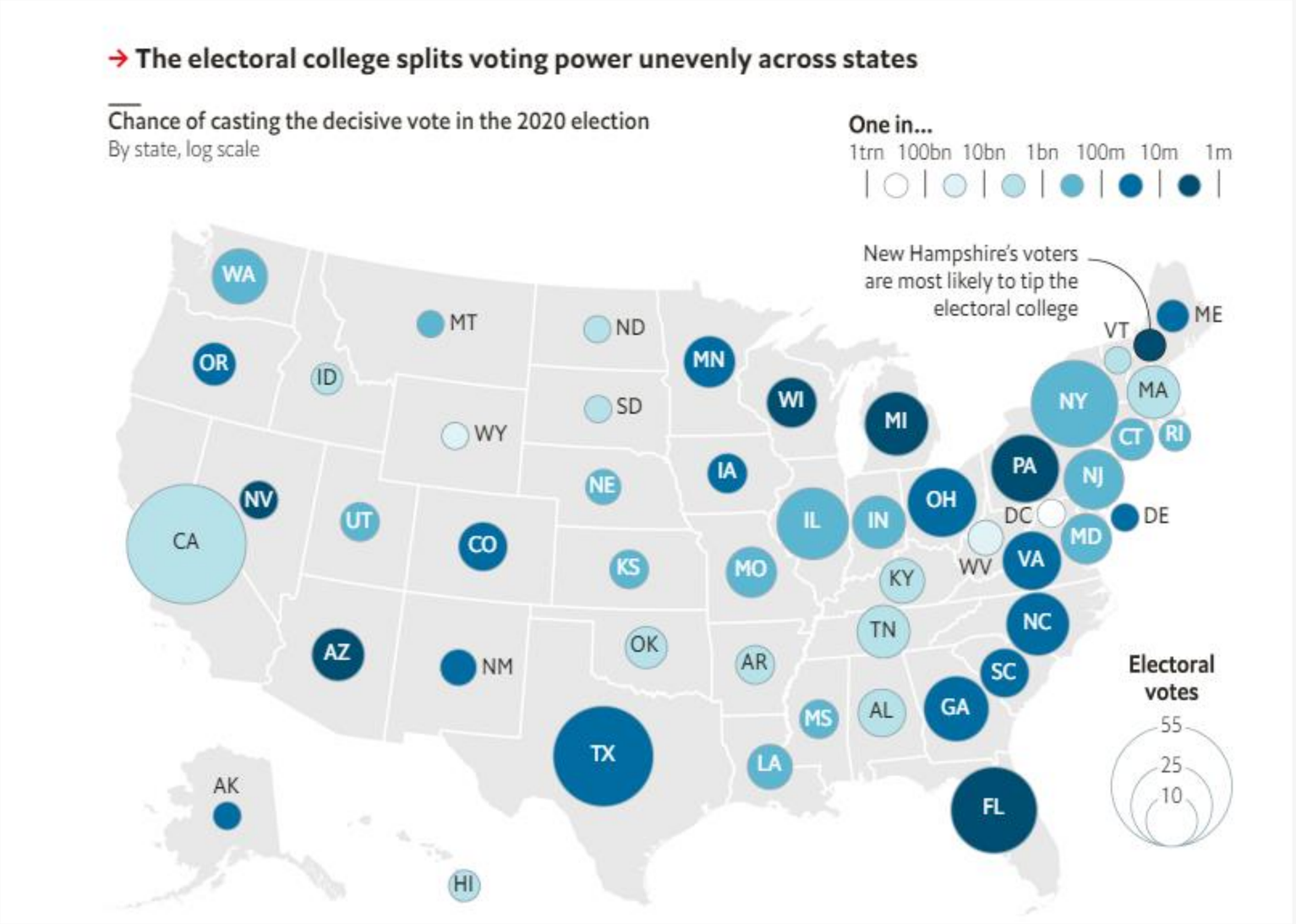
Work in pairs.

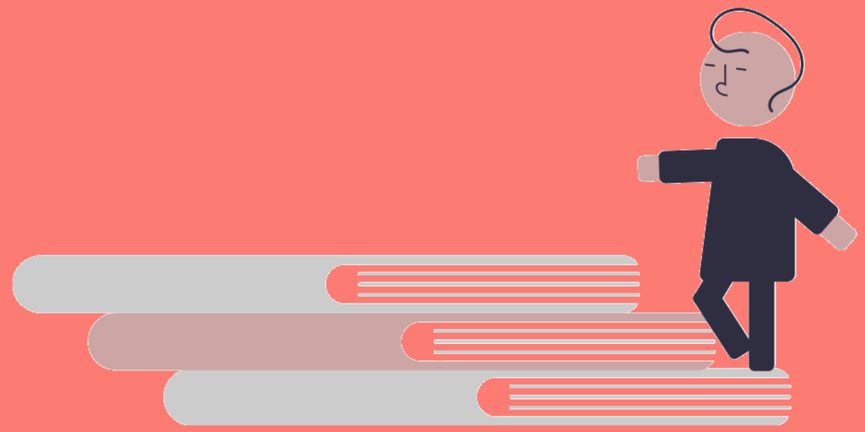
Use the data set “US Population by Race” to create a filled map with a chart type of your choice. See example on the next slide.

Think about the question that you are answering with this graph.

How would you present this graph to your classmates? Make sure to make it relevant to them and summarize the insight concisely.

How would you present this map to a 7 year old?



Source: https://www.economist.com/graphic-detail/2020/08/15/how-americas-electoral-college-favours-white-voters

WHAT DID YOU LEARN?