What is Gerrymandering?

Aim: How do we write and use table methods and functions in order to analyze data about Gerrymandering?

Do Now

Click on the link for the Spreadsheet:

Gerrymandering Dataset*

Write two statements for each of the following:

I wonder....

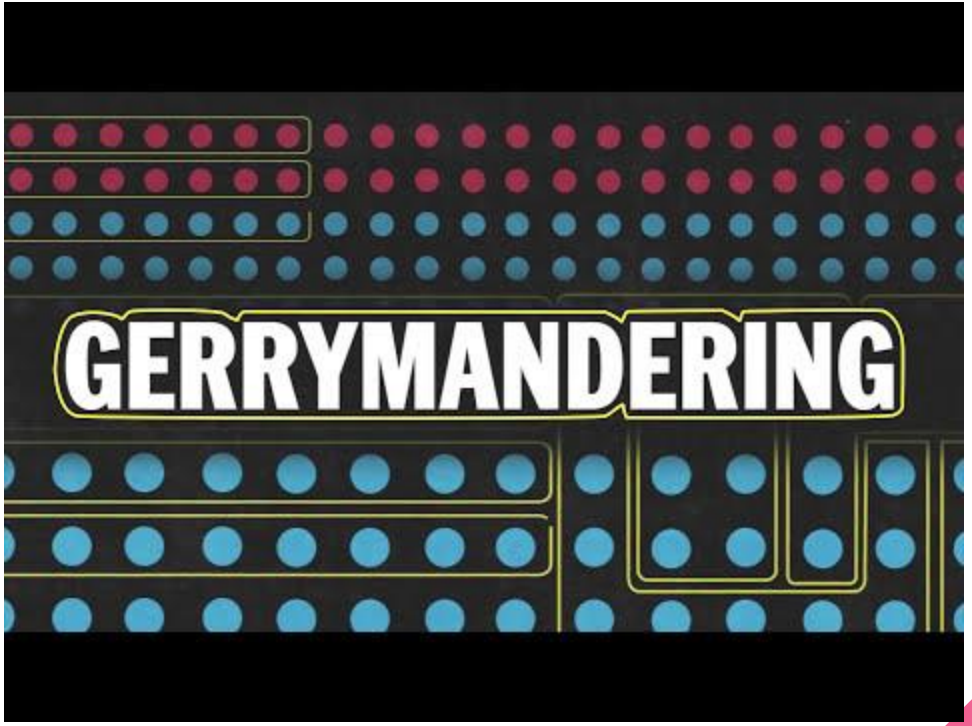
I notice....

*This dataset comes from bootstrapworld.com

What is Gerrymandering?

- Gerrymandering is the manipulation of boundaries for districts in order to favor one political party or class.
- It frequently happens for representatives in the US House of representatives and at the state level.
- Gerrymandering Explained

Gerrymandering Explained (Washington Post)



Check-In

What thoughts do you have about Gerrymandering? Do you think Gerrymandering is ethical? Why or why not?

Students, write your response!

Gerrymandering Project

Go to code.pyret.org and log in.

Then click on the link for the “Gerrymandering Project.”

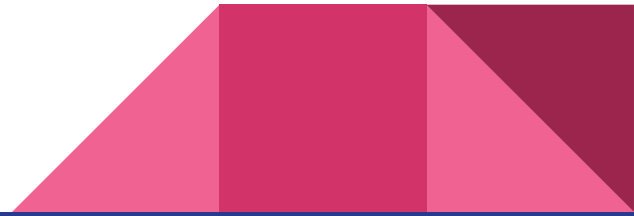
Save a copy of the file and add your name to the file name.

Run the file.

Enter the code for election-table in the interactions area. What do you see?

Gerrymandering Project

Follow the prompts in the code to investigate whether Gerrymandering appears to be occurring based on the data in the Election-Table.



Reference List of Data Displays

pie-chart(Table, “column”)

bar-chart(Table, “column”)

histogram(Table, “column”, bin width)

scatter-plot(Table, “label”, “column 1”, “column 2”)

Reference List of Table Methods

<Table>.row-n(index)

<Table>.order-by(“Column”, Boolean)

<Table>.filter(Boolean function)

<Table>.build-column(“Column”, function)

Design Recipe for Writing Functions*

The design recipe has three parts:

1) Write a contract and purpose statement.
2) Write examples.
3) Write the function.

* From bootstrapworld.com

Summary

What can you conclude about Gerrymandering from your explorations?

***Remember to save your code and submit your link.**