

CGT 270 Data Visualization
Makeover Monday #4 (2021 Dataset)

Name: Joy Gao

Date: 11/09/2021

Lab section: Tuesday

Show your work!!!

Acquire

Week: 9

Date: 2/29/2021

Year: 2021

Data: Seats Held by Women in National

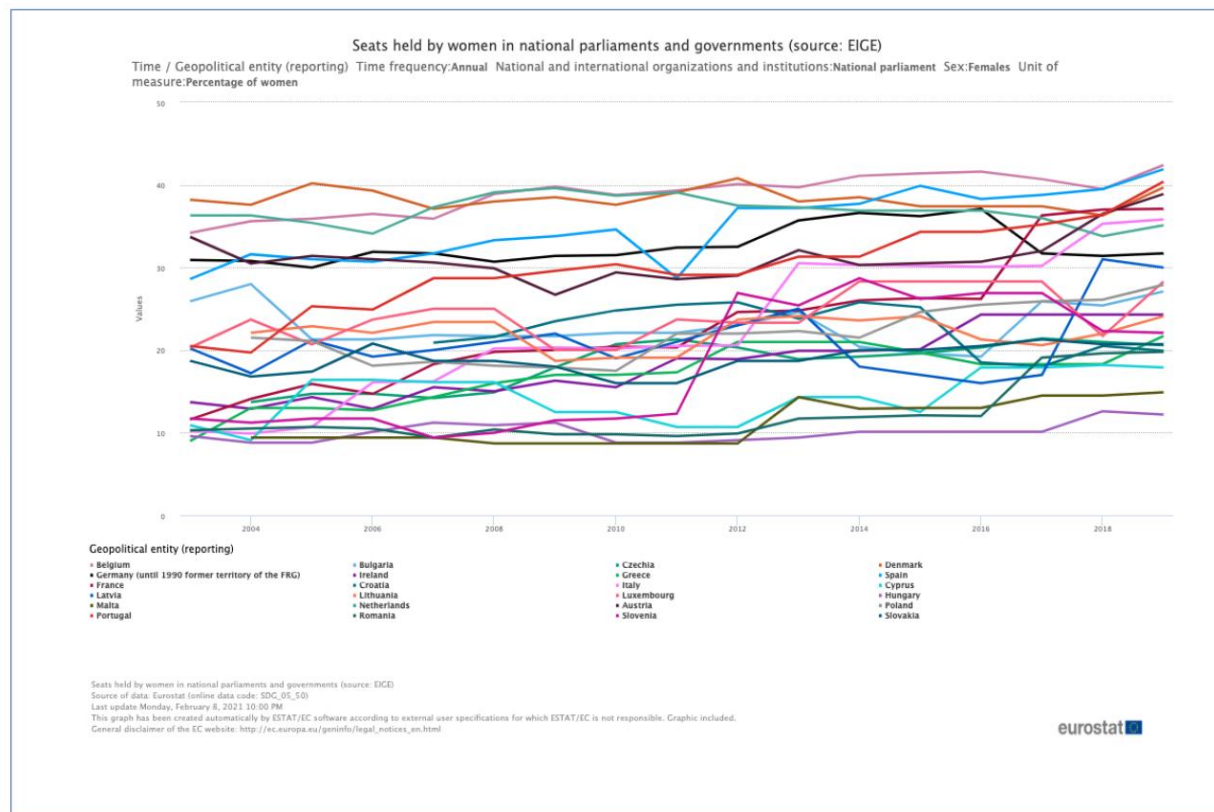
Parliaments and Governments

Source Article/Visualization:

Seats Held by Women in National Parliaments and Governments

<https://www.makeovermonday.co.uk/data/data-sets-2018/>

Represent



Critique

There's nothing I really like about this visualization because it's super crowded with lines and you can't really tell much information from the graph. The labels are also super small, so you have to zoom in a lot

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to read the words. I would completely change this visualization from a line graph to a map chart because this would provide the user a much clearer understanding rather than crowding the graph with labels.

The method most closely related to the visualization is data visualization because a line chart is used to represent quantitative data in a schematic form. The visualization demonstrates overview by showing the entire graph of proportion of women in national parliament/government over time. It also demonstrates detail by color coding the countries and including labels. The visualization demonstrates both detail and overview by including the lines of every country with labels. This is not divergent thinking because it is not a creative way of displaying the data. It is convergent thinking because the visualization is trying to simplify the understanding of the data.

Mine

Which European countries have higher/less proportion of women in national parliament/government?

Filter

Show (display, list, make it visible) the filtered data.

Location	2019
European Union - 27 countries (from 2020)	0.321
European Union - 28 countries (2013-2020)	0.317
Belgium	0.424
Bulgaria	0.271
Czechia	0.206
Denmark	0.397
Germany	0.317
Estonia	0.287
Ireland	0.243
Greece	0.217
Spain	0.419
France	0.371
Croatia	0.199
Italy	0.358
Cyprus	0.179
Latvia	0.3
Lithuania	0.241
Luxembourg	0.283
Hungary	0.122
Malta	0.149
Netherlands	0.351
Austria	0.389
Poland	0.279
Portugal	0.404
Romania	0.198

Stakeholders

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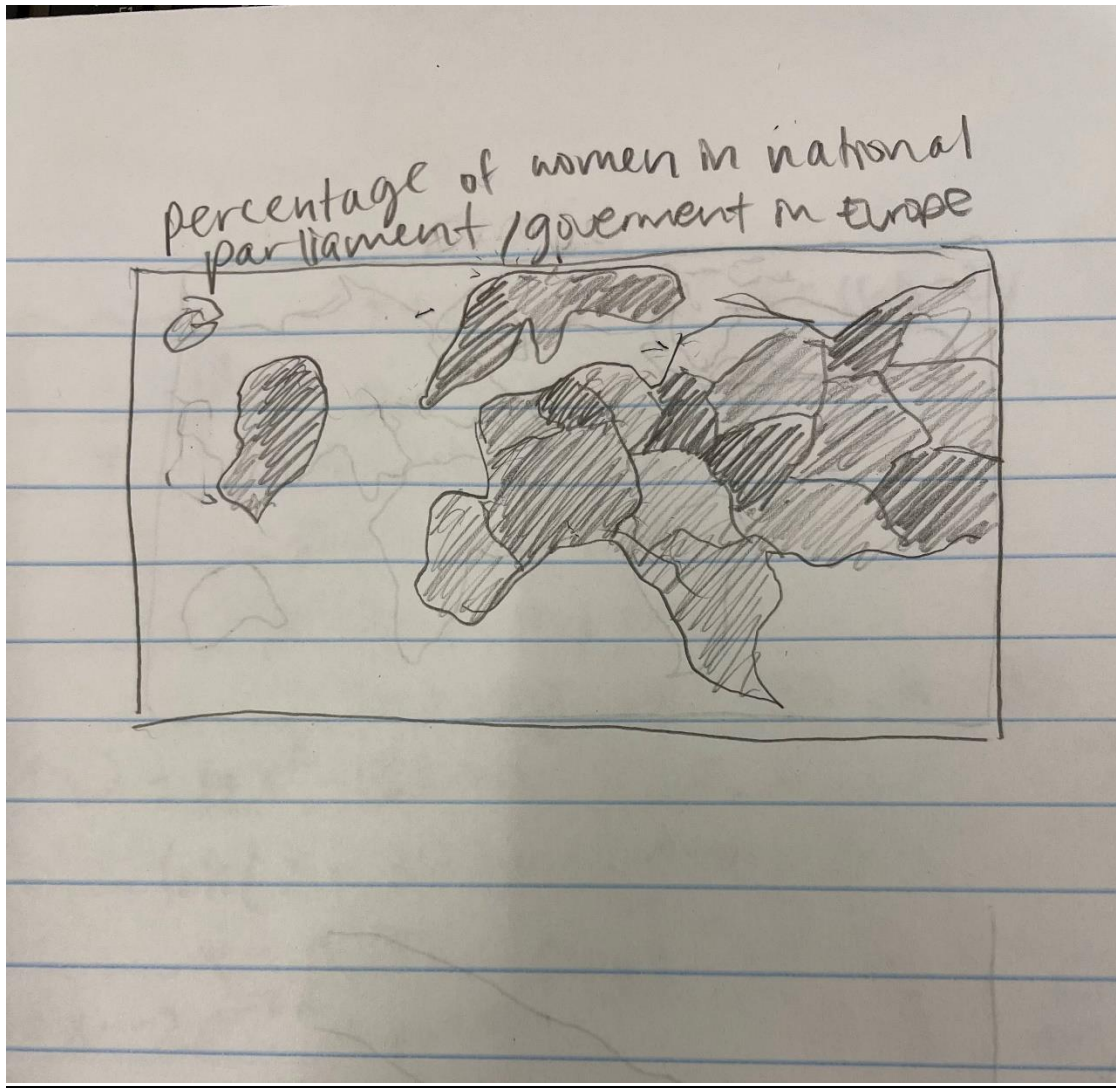
- Who is your audience? What assumptions did you make? What visualization tool/software did you use?
- My audience is the public because people should know the distribution of women in politics. I assumed that the vertical label 'values' meant the percentage of women in national parliament/government in Europe. I also assumed the proportion of women and men added up to 100%. I used Tableau to create my visualization.

What to submit: This document in PDF format only (if you do not know how to do this, ask).

Choose the best layout for your makeover visualization: Portrait or Landscape, Remove the page of the layout that you DO NOT choose. No blank pages!

NEW Sketch your Makeover

In the space below, sketch out your ideas for refined visualization. You must use pen/pencil and paper to sketch out your idea, then take a photo of your sketch and include it in the space below.



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Refine (Makeover – Portrait View)

In the space below, show the computer-generated version of your sketch using the visualization tool of your choice. DO NOT draw what you sketched. The visualization should be created with the visualization tool (Tableau, Excel, Power BI, etc., of your choosing). Remember, the purpose of visualization is “*insight*.” Take and include a screenshot of your visualization and include it below. Use Data Visualization Best Practices (see data visualization checklist). **You MUST use more advanced chart types for your makeover.** **Chart types that are not allowed: bar (single or stacked), pie, line charts, scatter plots, no tables.**

Proportion of Women in National Parliaments and Governments in Europe

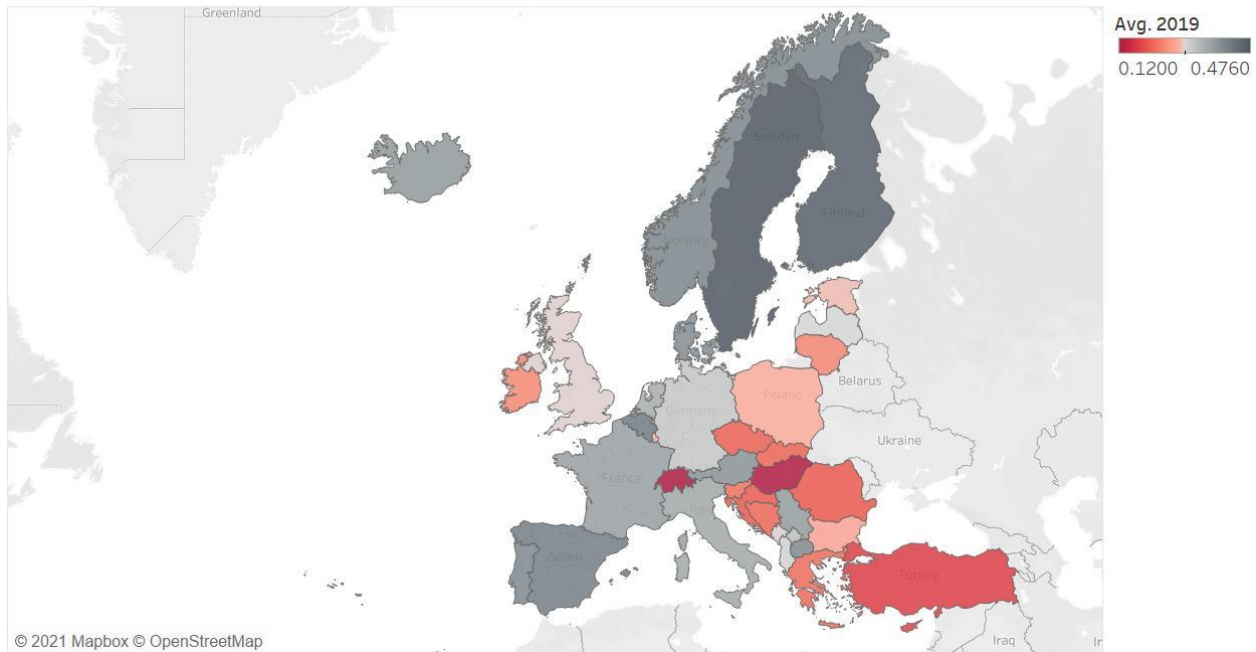


Figure Caption. Percentage of women in national parliament and government in Europe in 2019. The countries are color coded by percentage value.

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Resources

Data Visualization Checklist:

http://stephanieevergreen.com/wp-content/uploads/2016/10/DataVizChecklist_May2016.pdf

How to give constructive criticism:

<https://personalexcellence.co/blog/constructive-criticism/>

Sample Makeovers

<https://www.makeovermonday.co.uk/gallery/>

Grading Rubric

Excellent (11-15 pts)	Good (6 -10 pts)	Fair (2-5 pts)	Needs Improvement (0 - 1 pt)
Meets ALL or most of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	Meets MOST of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	Consistently meets SOME of these: Makeover is esthetically pleasing (color, perception), best practices followed (insightful), Correct dataset downloaded; provided an interesting point of view of the data; critiqued previous makeover, critique is constructive (indicates one thing that is done well, and one thing that could be done differently, what will be done to improve the visualization), assumptions (more than one) are listed.	Little to no evidence of the understanding of the data visualization process. Lackluster makeover or no makeover. Little effort.
Sketch included: hand drawn [5 pts]	Sketch included, but was generated by computer [2 pts]	No sketch included. [0 pts]	
Makeover Monday Assessment Completed [5 pts]	Makeover Monday Assessment not completed [0 pts]		