CGT 270 Data Visualization
Makeover Monday #1 (2018 Dataset)

Name: Joy Gao **Date:** 10/19/2021

Lab section: Tuesday

Show your work!!!

Acquire

Week:

Date: Feb. 12 Year: **2018** Data: Winter Olympics

Source Article/Visualization:

Winter Olympics Medals by Year, Country, Event and Gender

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

Represent

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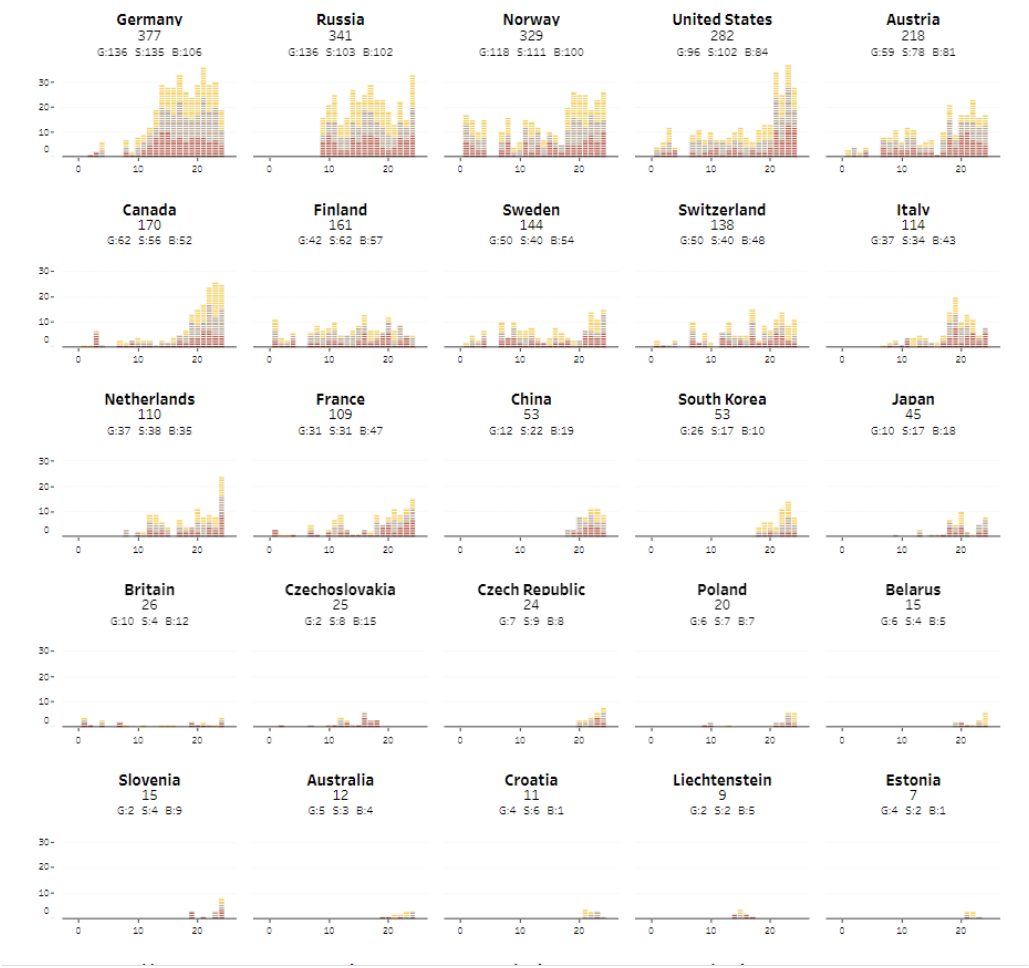

Critique

I like that the visualization labels every medal count and uses the corresponding colors to represent the medals in the bar chart. However, I don't like how there is no x or y axis since this made the graph really confusing when I first looked at it. I also feel like there is too many countries in the visualization and the graphs become very cluttered and small. I plan to only focus on one country and creating clear axes labels so that the graph is easier to understand.

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Mine

I am trying to answer: How many medals have the US won per Olympic year? What is the medal breakdown per year?

Filter

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

Country: US

Olympic Year (1924-2014)

Medal Count by Medal (gold, silver, bronze)

Stakeholders

- Who is your audience?
  - My audience is Olympic Winter sport watchers in the US
- What assumptions did you make?
  - I assumed that medal count in the US is by Olympic year, which is every 4 years.
- What visualization tool/software did you use?
  - Tableau

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!

Refine (Makeover – Portrait View)

Use an additional page if necessary. 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).

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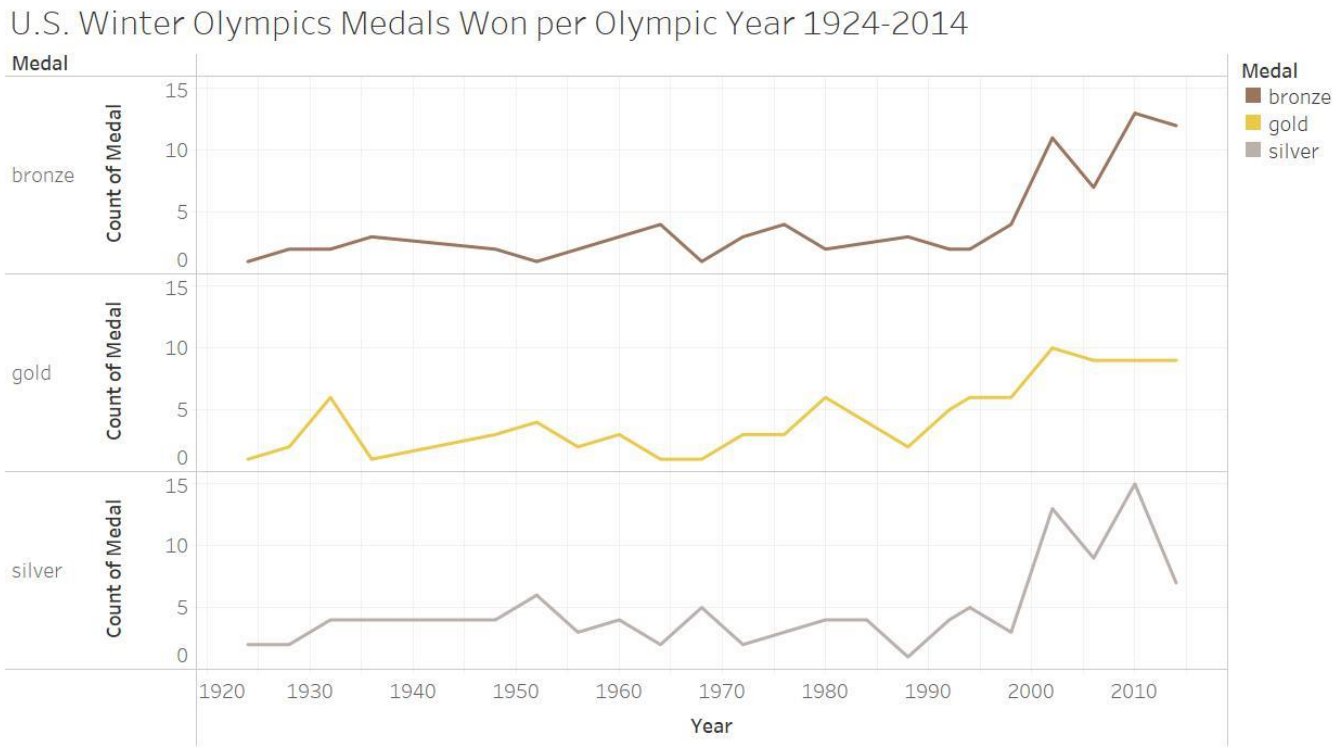

Figure Caption. US Winter Olympic medal count (broken down by gold, silver, bronze) per Olympic year from 1924-2014.

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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 (21-25 pts)	**Good (10-20 pts)**	**Fair (5 – 9 pts)**	**Needs Improvement (0 – 4 pts)**
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.