CGT 270 Data Visualization
Makeover Monday #3 (2020 Dataset)

Name: <Enguang Liu> **Date:** <11/2/2021>

Lab section: <Thuesday lab>

Show your work!!!

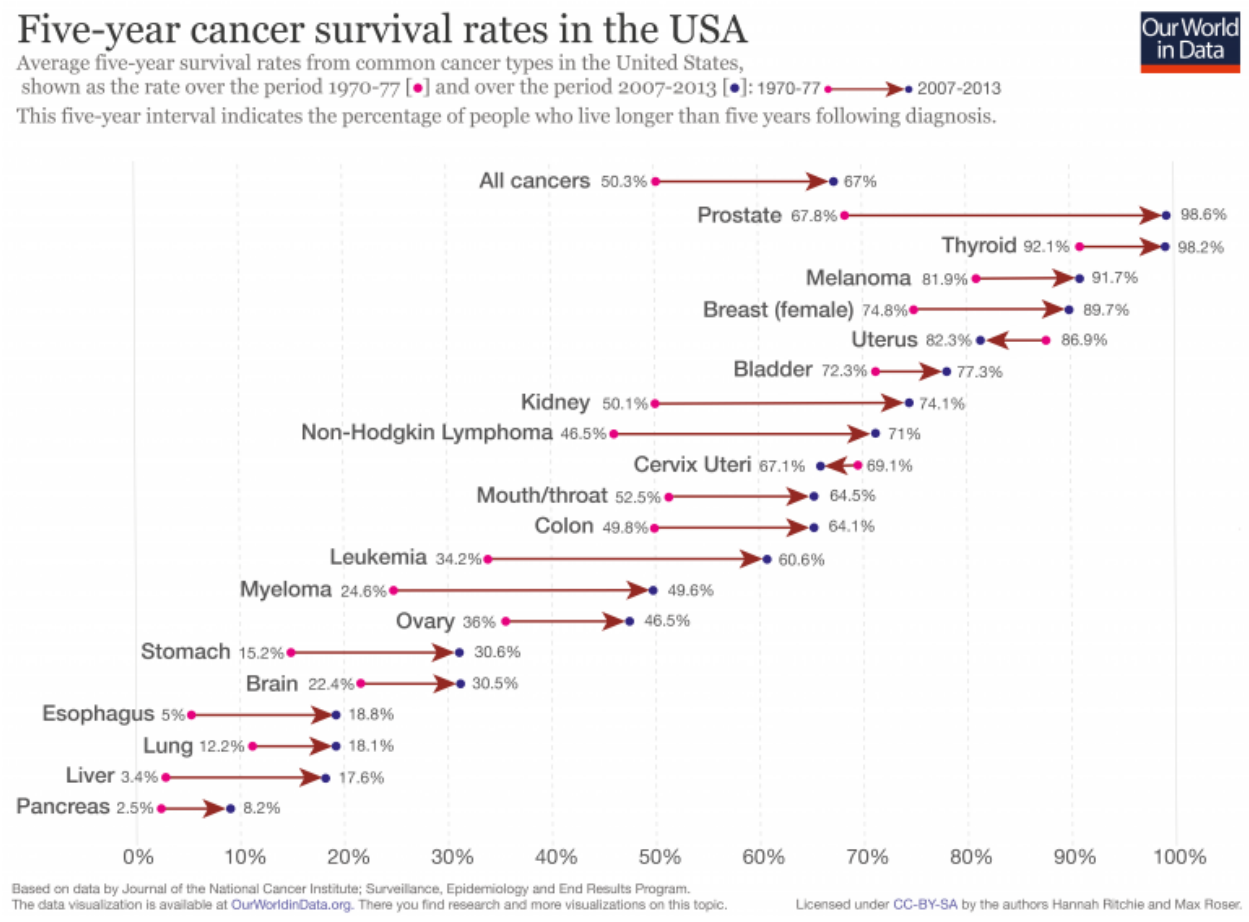
Acquire

Week: 41

Date: Oct 8 Year: **2020** Data: **Five Year Cancer Survival Rates in America**

Source Article/Visualization: Our world in data

Represent



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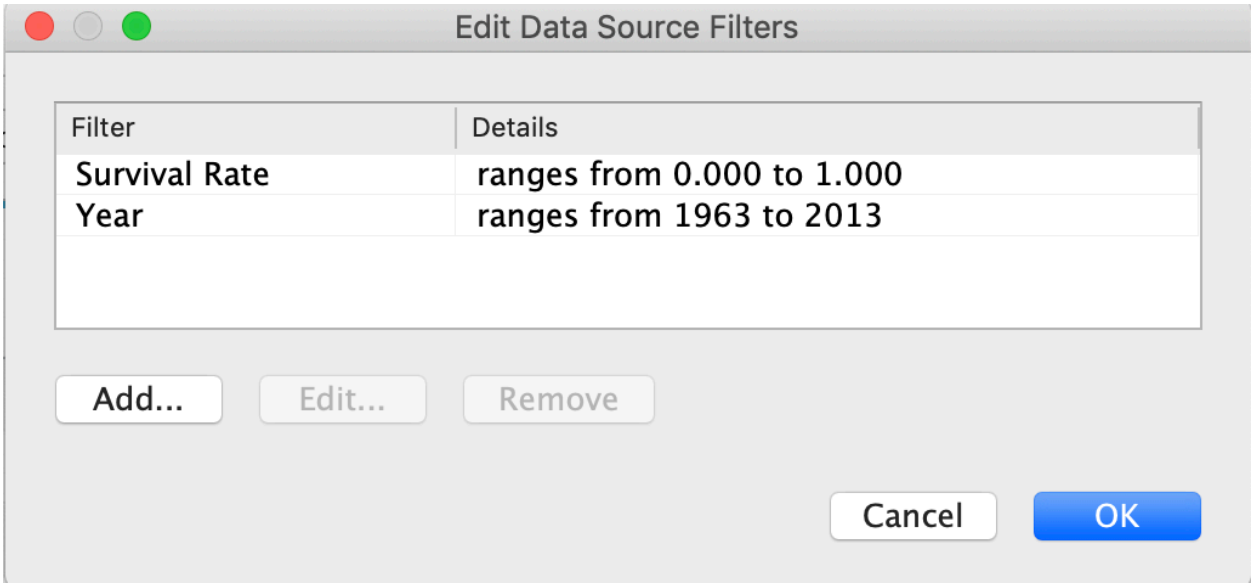
Critique

What I like is that it shows almost everything in one visualization, like survive rate and all cancer types. What I do not like is that it is a confusing visualization. People have to read the caption or description before they can understand this. For refine, I plan to simplify the whole thing, so people can easily understand it. I plan to show year, survive rate, and cancer type. In represent stage, I believe it is a data visualization. Because it is a visual representation of quantitative data. The representation here is detail and overview. It is detailed in survive rate, and it has an overview for the trend of survive rate in five years. I would like to say it is in the middle of divergent thinking and convergent thinking; I can feel the author wants to simplify and show those complex data with a creative way.

Mine

I am trying to answer the survive rate for each kind of cancers and show a trend of survive rate in five year.

Filter



Stakeholders

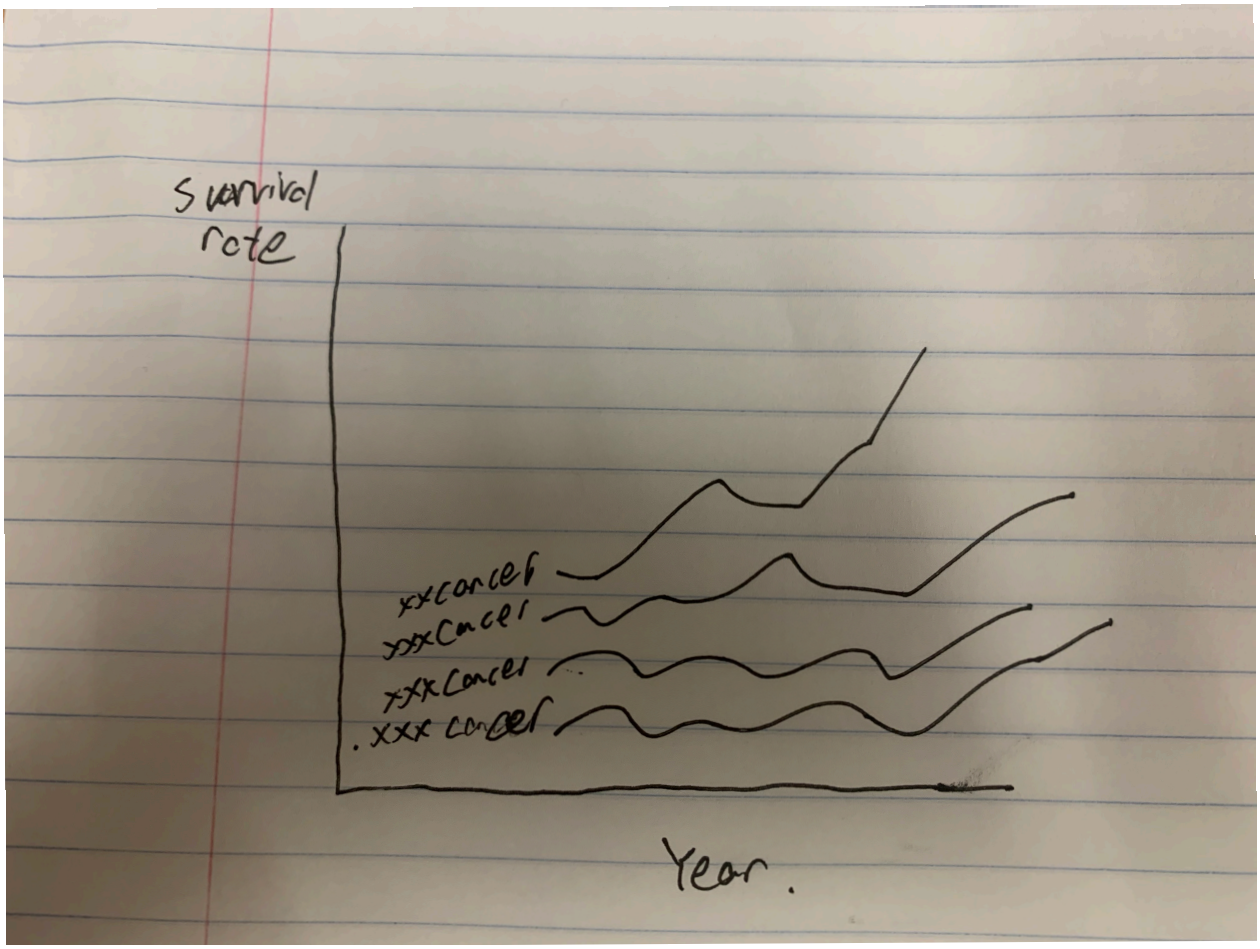
- My audience are those doctors, nurses, and cancer professors. My assumption is that the survival rate will keep going up. I used tableau.

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!

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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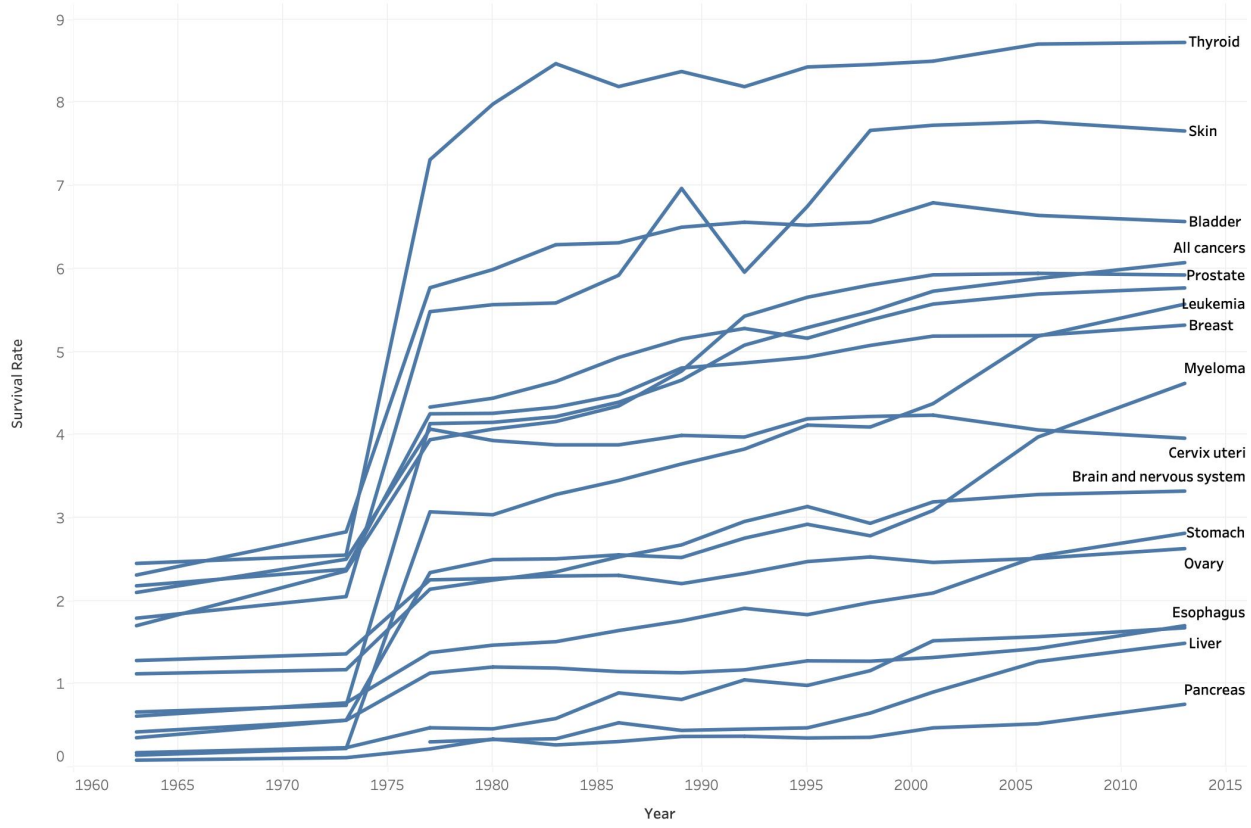
<u>Refine</u> (Makeover – Portrait View)

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).

<Five Year Cancer Survival Rates in America>



The trend of sum of Survival Rate for Year. The marks are labeled by Cancer Type. The view is filtered on Year, sum of Survival Rate and Cancer Type. The Year filter includes everything. The sum of Survival Rate filter includes everything. The Cancer Type filter keeps 17 of 17 members.

Caption: The trend of sum of survival rate for year. The marks are labeled by cancer type. The view is filtered on year, sum of survival rate and cancer type. The year filter includes everything. The sum of survive rate filter includes everything. The cancer type filter keeps 17 of 17 members.

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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]		