CGT 270 Data Visualization
Makeover Monday #2 (2019 Dataset)

Name: <type your name here>   **Date:** <Type today's date>

Lab section: <type the day of your lab here>

Show your work!!!

<u>Acquire</u>

Week:

Date: Year: **2019**   Data:

Source Article/Visualization:

<enter the text from the column corresponding to your data from the website> Remove this text and highlighting before submitting your work.

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

<u>Represent</u>

<take a screenshot of the visualization that was created using the data> This is the visualization that you will "makeover." Remove this text and highlighting before submitting your work.

<u>Critique</u>

Critique the visualization: what do you like about it, dislike about it, what do you plan to do differently? Remove this text and highlighting before submitting your work.

NEW: Based on your knowledge of the Periodic Table of Visualization Methods (discussed in class this week), discuss which one of the 6 categories does the visualization you provided in the Represent stage falls in. Identify the method most closely related to the visualization in the Represent Stage and discuss the characteristics: overview, detail, detail AND overview, divergent thinking, convergent thinking. Refer to Week 10 Readings to assist with categorizing the visualization.

<u>Mine</u>

What question(s) are you attempting to answer? Remove this text and highlighting before submitting your work.

<u>Filter</u>

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

<u>Stakeholders</u>

- Who is your audience? What assumptions did you make? What visualization tool/software did you use?

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).

Figure Caption. <replace this text with your figure caption>.

Refine (Makeover – Landscape 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).

Figure Caption. <replace this text with your figure caption>.

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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.