Name: Ryoma Okano   **Date:** 10/19/2021

Lab section: Tuesday

Show your work!!!

Acquire

Week: 9

Date: Feb 26   Year: **2018**   Data: World Economic Freedom

Source Article/Visualization:

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

Represent
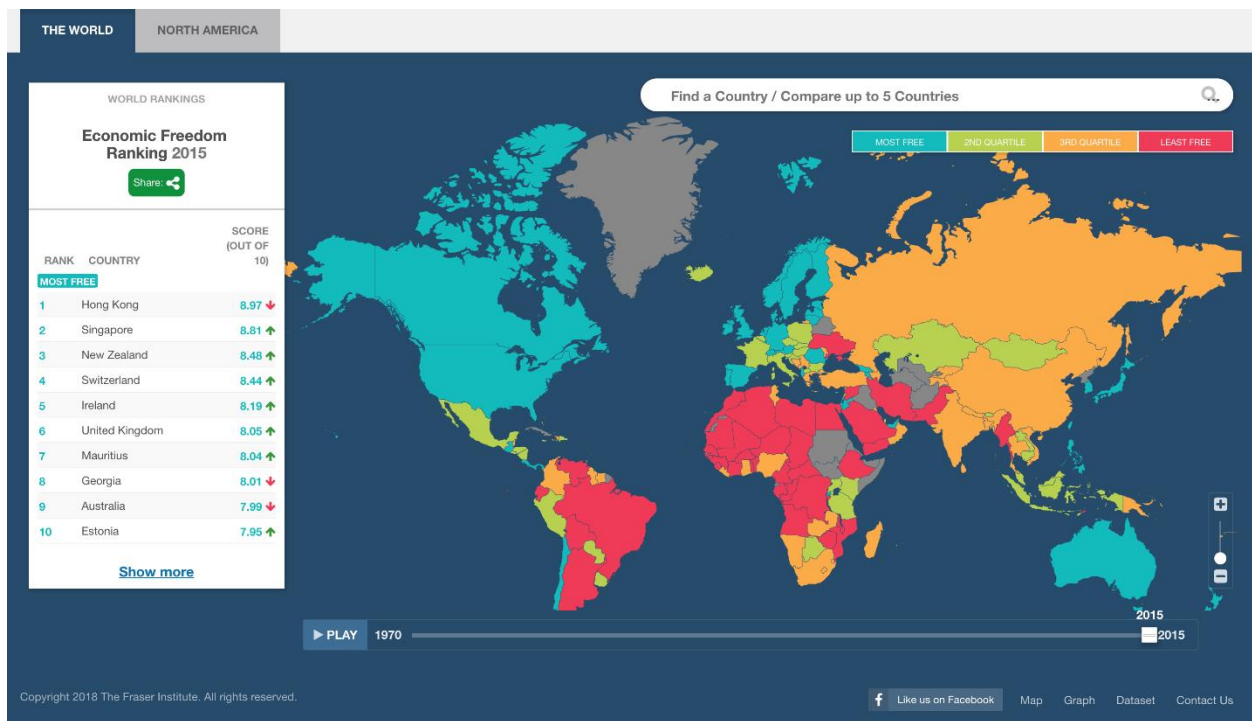
Critique

I like that it shows all different types of countries throughout different periods of time. I don't like how these different colors are applied to numbers that could be interpreted differently. I could maybe filter just the top ten countries or so in order to focus on specifics.

Mine

Which countries are the freest economically?

Filter

Top 10 Free and Bottom 10 Free countries in 2015

Stakeholders

- Who is your audience?
    - People interested in global trends and geography
- What assumptions did you make?
    - Countries with democracy would be freer, since the "freedom index" was created by a democratic country.
- 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
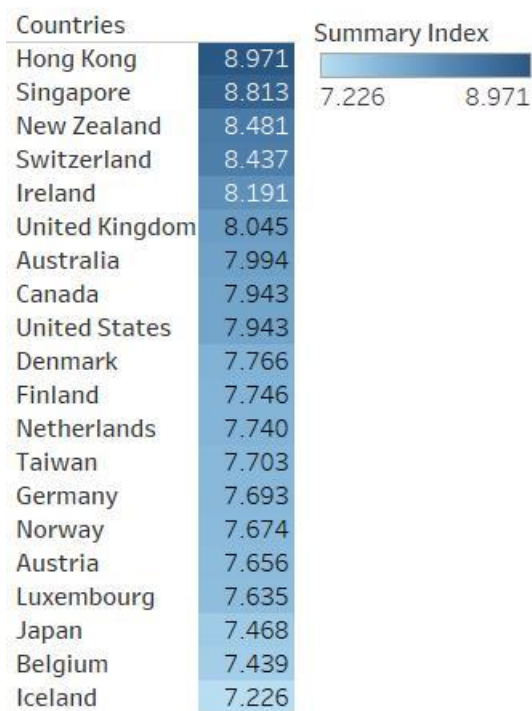
- Portrait or Landscape
- Remove the page of the layout that you DO NOT choose. No blank pages!

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).

Top 20 Countries with Highest Economic Freedom Scores in 2015

Countries		Summary Index
Hong Kong	8.971	7.226 — 8.971
Singapore	8.813	
New Zealand	8.481	
Switzerland	8.437	
Ireland	8.191	
United Kingdom	8.045	
Australia	7.994	
Canada	7.943	
United States	7.943	
Denmark	7.766	
Finland	7.746	
Netherlands	7.740	
Taiwan	7.703	
Germany	7.693	
Norway	7.674	
Austria	7.656	
Luxembourg	7.635	
Japan	7.468	
Belgium	7.439	
Iceland	7.226	

Sum of Summary Index broken down by Countries. Color shows sum of Summary Index. The marks are labeled by sum of Summary Index. The data is filtered on Year, which ranges from 2015 to 2015. The view is filtered on Countries, which keeps 20 of 159 members.

Top 20 Countries with Lowest Economic Freedom Scores in 2015

Countries		Summary Index
Laos	13.89	13.89 — 60.47
Liberia	13.96	
Libya	14.64	
Guinea	17.05	
Bhutan	21.02	
Seychelles	22.05	
Timor-Leste	37.60	
Yemen, Rep.	37.66	
Saudi Arabia	39.12	
Cape Verde	39.31	
Suriname	39.48	
Tajikistan	39.54	
Swaziland	40.11	
Lebanon	41.92	
Brunei Darussalam	42.07	
Cambodia	42.47	
Gambia, The	42.96	
Qatar	44.64	
Angola	55.31	
Ethiopia	60.47	

Sum of Summary Index broken down by Countries. Color shows sum of Summary Index. The marks are labeled by sum of Summary Index. The view is filtered on Countries, which keeps 20 of 159 members.

The above charts represent the top 20 and bottom 20 countries with freedom indexes. The more saturated the color, the higher they are in their respective list.

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

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.