Name: Kyle Choi   **Date:** 3/28/2022   **Max points:** 25

Lab section: Wednesday 9:30

Show your work!!!

Acquire

Week: 31

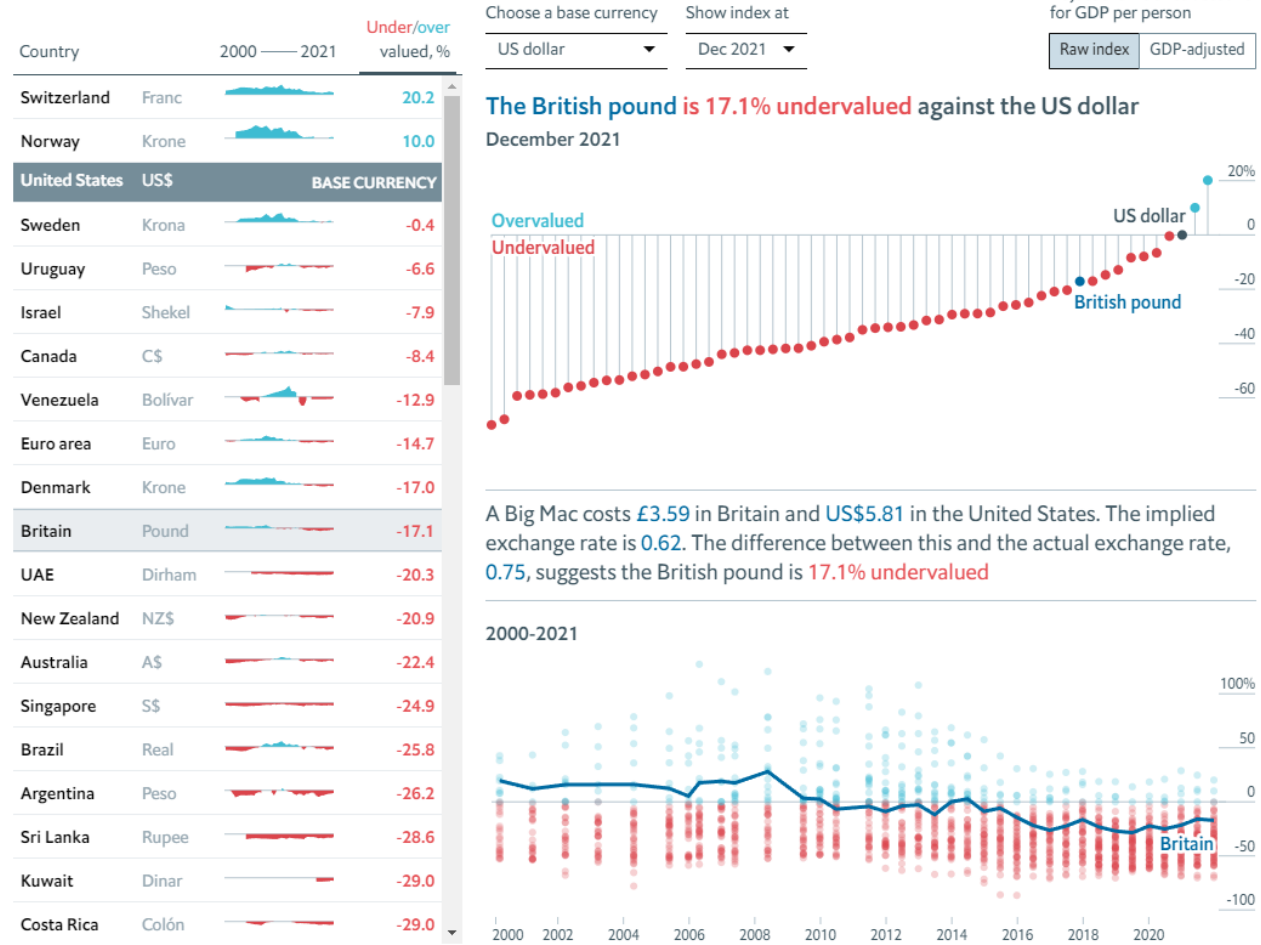Date: Jul 30   Year: **2018**   Data: Big Mac Index

Source Article/Visualization:

31	Jul 30	data.world	Big Mac Index Data Source: The Economist

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

Represent

Critique

This visualization is great for many reasons. It's interactive, it has a lot of information, and colorful. However, its strong points may also be its weakness. There is far too much information in this visualization, and it is a headache to look at. Just from one glance, is almost impossible to identify which big mac is the cheapest and most expensive. Furthermore, the base currency is set in stone as USD, and it is impossible to change.

This visualization falls within the data visualization category, and more specifically, a line chart. Although relatively basic, a line chart can be great to visualize trends over time.

Mine

Where is the big mac the most expensive and cheapest?

Filter

Country	Iso A3	Currency Code	Local Price	Dollar Ex	Dollar Price	Dollar Ppp	GDP dollar	Dollar Valuation	Euro Valuation
United Arab Emirates	ARE	AED	14.75	3.67	4.01563	2.61	31,982.23	-28.9270	-20.421
Argentina	ARG	ARS	380.00	96.33	3.94462	67.26	8,554.64	-30.1840	-21.829
Australia	AUS	AUD	6.55	1.37	4.79296	1.16	52,824.82	-15.1690	-5.017
Azerbaijan	AZE	AZN	3.95	1.70	2.32490	0.70	4,218.00	-58.8510	-53.927
Bahrain	BHR	BHD	1.50	0.38	3.97878	0.27	22,402.00	-29.5790	-21.152
Brazil	BRA	BRL	22.90	5.25	4.36303	4.05	6,783.05	-22.7780	-13.537
Canada	CAN	CAD	6.77	1.27	5.31355	1.20	43,278.22	-5.9550	5.300
Switzerland	CHE	CHF	6.50	0.92	7.04416	1.15	86,849.47	24.6750	39.596
Chile	CHL	CLP	2,990.00	759.29	3.93792	529.20	12,989.60	-30.3020	-21.961
China	CHN	CNY	22.40	6.48	3.45695	3.96	10,483.88	-38.8150	-31.493

Stakeholders

- Audience
  - Economists
  - Students
  - Families
- Assumptions
  - A big mac is the same in all countries
  - All currencies are up to date
- Visualization tool
  - Tableau

What to submit: This document in PDF format only (if you do not know how to do this, see Lab 0 Exercise 1). Save this document as: LastnameFirstInitial_CGT270S22_MakeoverMonday#2.pdf

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 <u>Sketch your Makeover</u>

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.
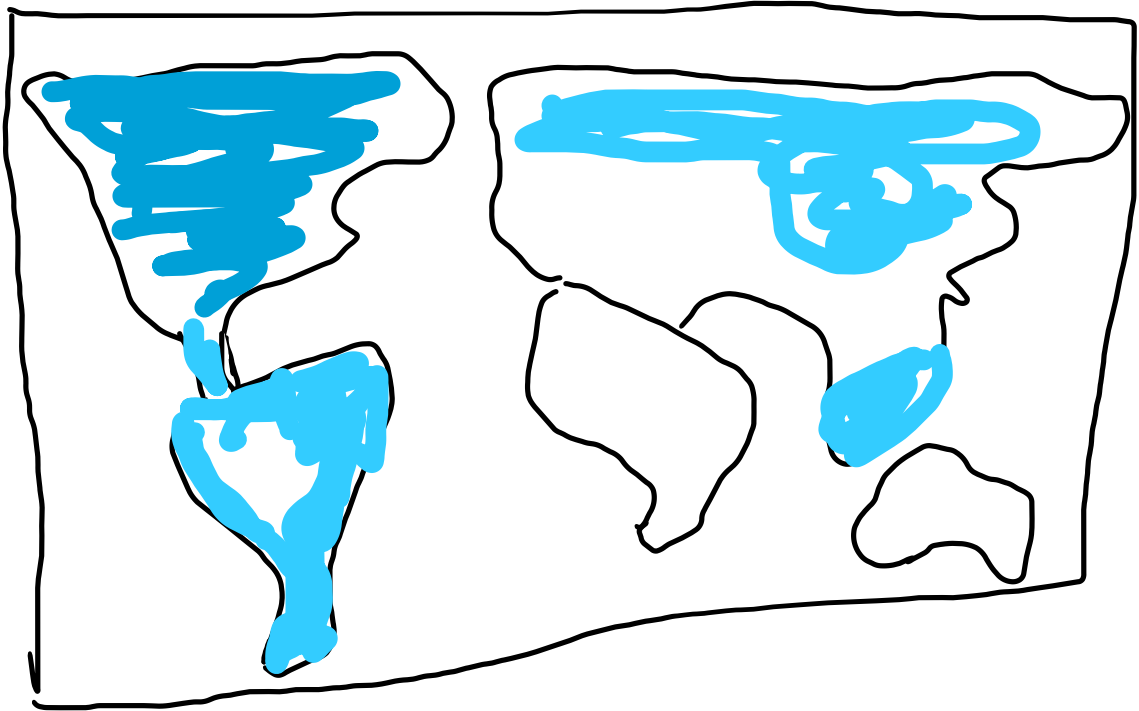
Refine **(Makeover – Landscape view)**
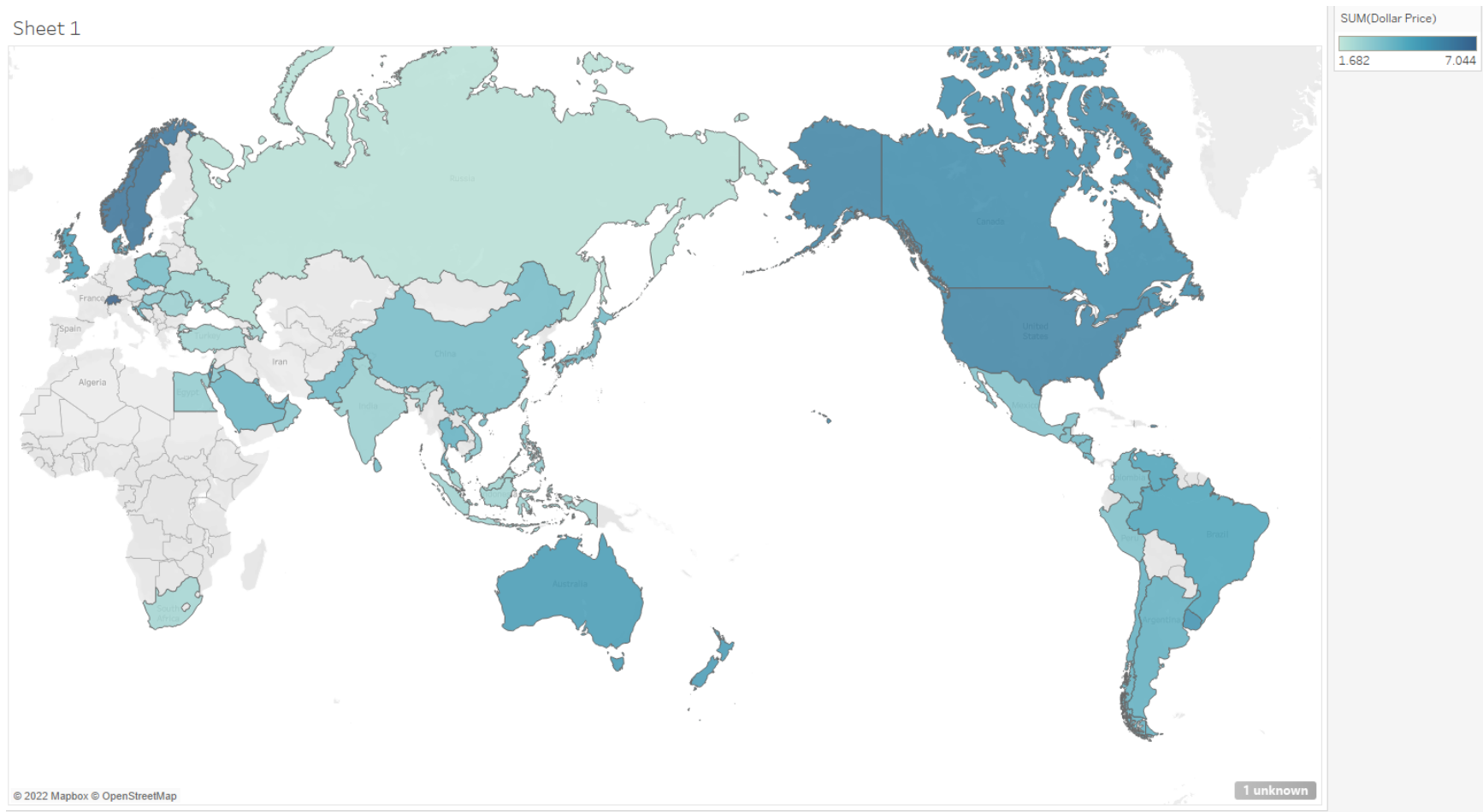
Figure Caption. <Prices of Big Mac across the world>.

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	Good	Fair	Needs Improvement
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. [15 pts]	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. [10 – 14 pts]	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. [5 – 9 pts]	Little to no evidence of the understanding of the data visualization process. Lackluster makeover or no makeover. Little effort. [0 – 4 pts]
Sketch included: hand drawn, data vis best practices evident. [5 pts]	Sketch included: hand drawn, lacking data vis best practices. [3 pts]	Sketch included, but was generated by computer [2 pts]	No sketch included. [0 pts]
More advanced chart types used [5 pts]	More advanced chart types used, followed most best practices [3 pts]	Basic chat types used in the makeover [2 pts]	Little to no improvement in visual representation of the data [0 pts]