

CGT 275 Data Visualization II
Makeover Monday (2021 Dataset)

Name: Samruddhi Tawade

Date: 4/10/2022

Max points: 100

Your makeover must include at least one geospatial layout (representation).

Acquire

Week: -

Date: -

Year: **2021**

Data:

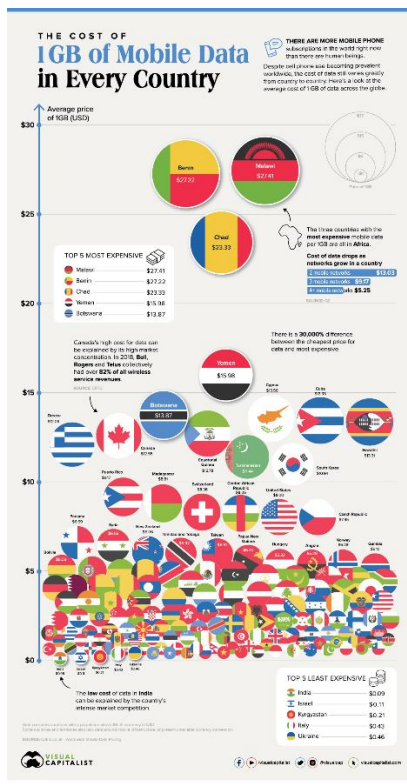
<https://query.data.world/s/4tqsy7hz7smtb6fogxvtcspnj7iw63>

Source Article/Visualization:

What Does 1GB of Mobile Data Cost in Every Country?

<https://data.world/makeovermonday/2021w19>

Represent



Critique

I think this visualization does a decent job of depicting the price ranges in an easy-to-understand graph, but I find the lower prices to be extremely convoluted. In addition, I think that having the more expensive countries be larger and the less expensive countries be smaller was redundant, as that was clearly shown by the countries' placement relative to the y-axis. In my visualization, I will map each country based on a color scale, with more expensive countries being darker and cheaper countries being lighter. This will allow for a cleaner visualization and minimal redundancy, and potentially see if there are any connections between region and cost.

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Mine

- Is there any connection between region and price?
- What do average price ranges look like across the world?

Parse & Filter

Show the parsed data that you plan to use. In the table below list the variables and their data type.

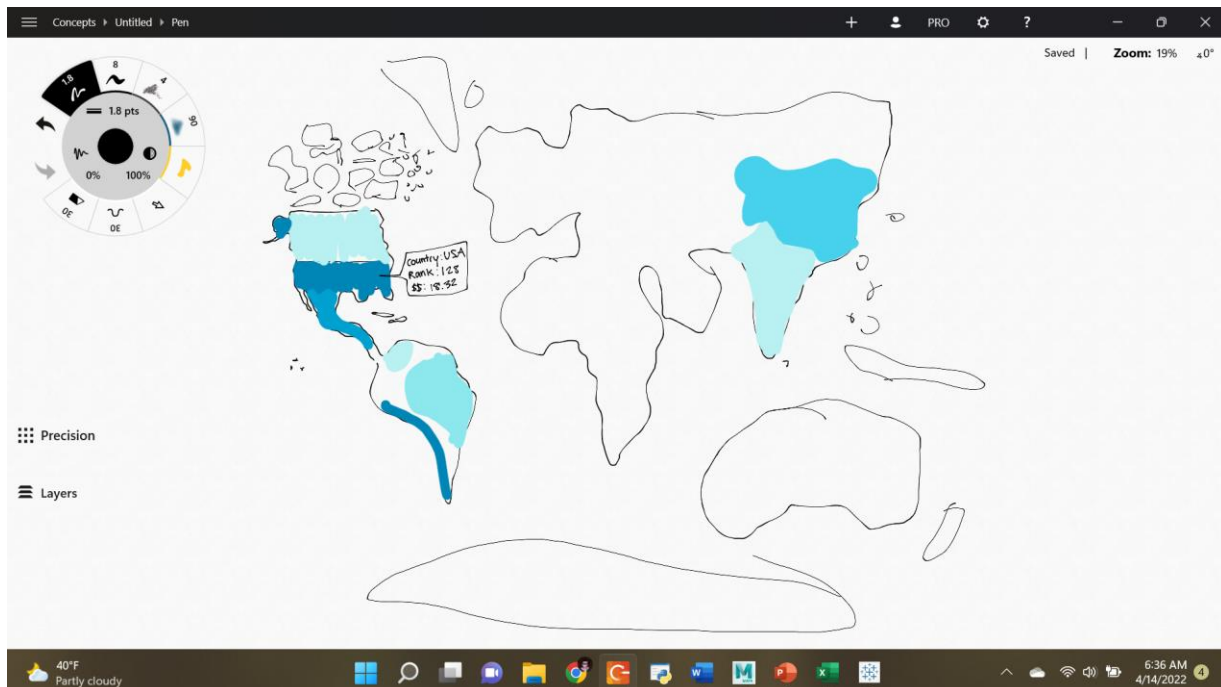
Variable	Data type
Rank	Integer
Country	String
Avg Price of 1GB	Decimal
Latitude	Decimal
Longitude	Decimal

Stakeholders

- My audience is phone companies that determine the data prices across the globe, as well as people who buy and use data across the globe.
- I assumed that blank cells were data not provided, and that the prices per country are accurate
- I used Tableau for this assignment

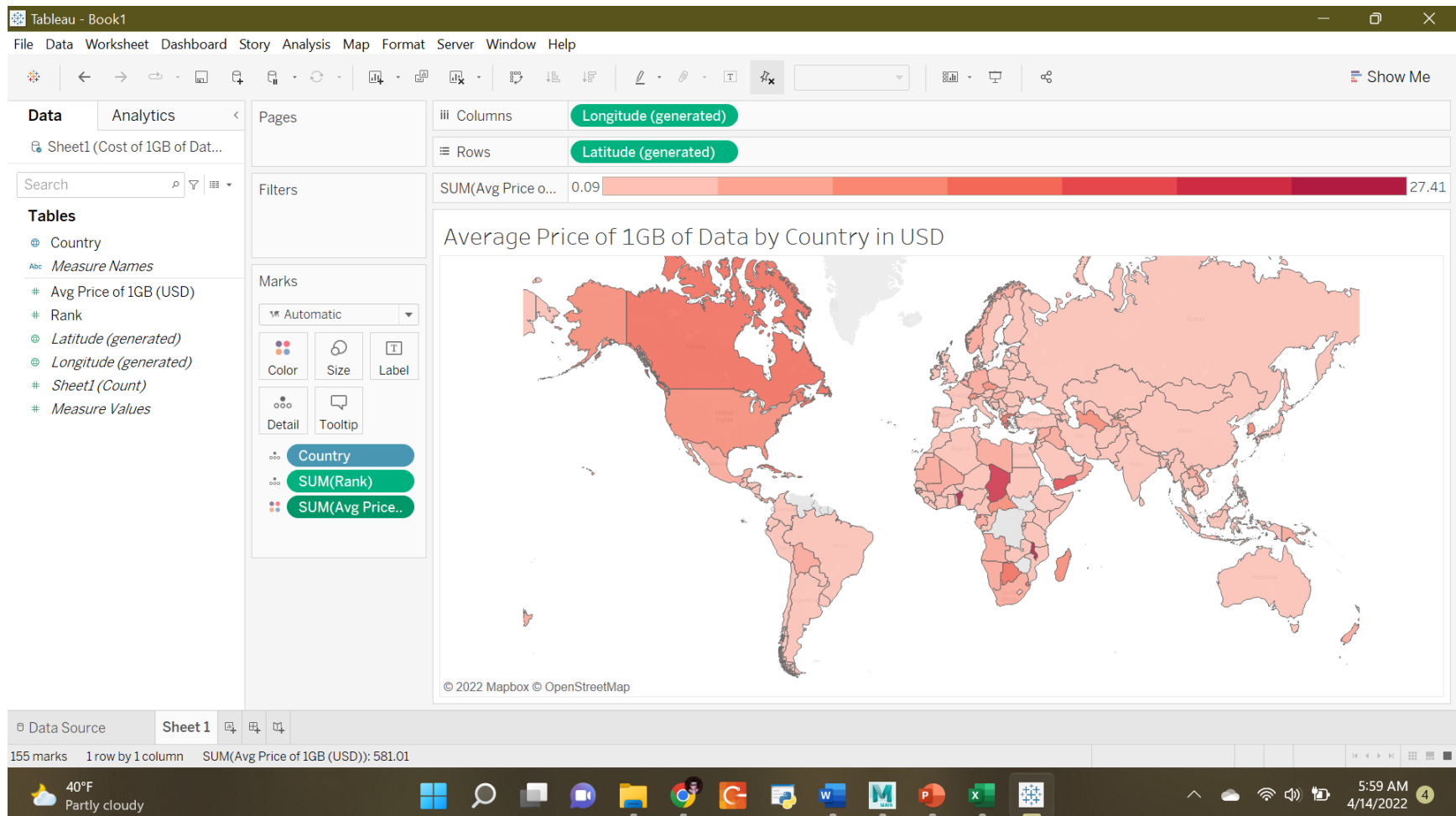
Sketch your Makeover

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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Refine (Makeover – Landscape view)



Average Price of 1GB of Data by Country in USD.

Spring 2022 – Makeover Monday

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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	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. [75 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. [60 – 74 pts]	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. [40 – 59 pts]	Little to no evidence of the understanding of the data visualization process. Lackluster makeover or no makeover. Little effort. [0 – 39 pts]
Sketch included: hand drawn, data vis best practices evident. [5 pts]	Sketch included: hand drawn, lacking data vis best practices. [3 - 4 pts]	Sketch included, but was generated by computer [1 - 2 pts]	No sketch included. [0 pts]
More advanced chart types used [10 pts]	More advanced chart types used, followed most best practices [5 -9 pts]	Basic chat types used in the makeover [1- 4 pts]	Same chart type(s) used as original. [0 pts]
Makeover provides more insight than the original [10 pts]	Makeover provides some insight than the original [5 – 9 pts]	Makeover provides little insight than the original [1 – 4 pts]	No improvement in visual representation of the data; Makeover is worse than the original. [0 pts]