

CGT 270 Data Visualization  
Makeover Monday #4 (2021 Dataset)

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Date: 11/11/2021

Lab section: 009

Show your work!!!

Acquire

Week: 19

Date: May 9, 2021

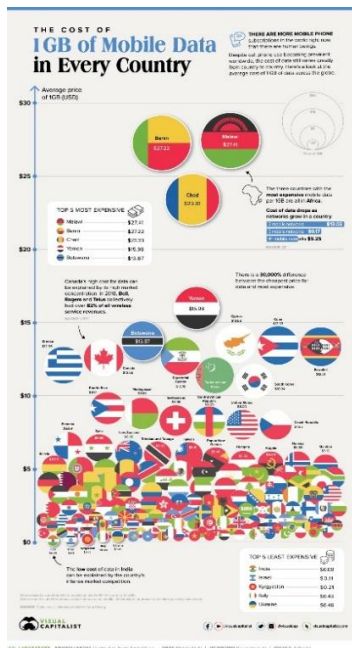
Year: 2021

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

Source Article/Visualization: Visual Capitalist

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

Represent



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### Critique

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.

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.

I like how this data puts an emphasis on the most expensive price of mobile data for the countries and listing the countries. This gives the viewer a quick insight on who has the highest costing data. I dislike how all of the countries are crammed together making it difficult to find some countries. The original data visualization falls under the category of data visualization. I believe that this data shows convergent thinking. I plan to make a map of the world showing where at in the world 1GB of data is under \$1 USD.

### Mine

Where is 1GB of data the cheapest? Where can I get 1GB of data for under \$1 USD?

### Filter

# Sheet1 Rank	# Sheet1 Country	# Sheet1 Avg Price of 1GB (...)
1	India	0.090000
2	Israel	0.110000
3	Kyrgyzstan	0.210000
4	Italy	0.430000
5	Ukraine	0.460000
6	Kazakhstan	0.460000
7	Somalia	0.500000
8	Sri Lanka	0.510000
9	Russian Federation	0.520000
10	Vietnam	0.570000
11	China	0.610000
12	Sudan	0.630000
13	Indonesia	0.640000
14	Algeria	0.650000
15	Australia	0.680000

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**Stakeholders**

- Who is your audience? What assumptions did you make? What visualization tool/software did you use?  
My audience are people curious on where they can get 1GB of data for under \$1 USD. This can be people looking at market competition and inflation. I am assuming that this data is from 2021 and that the numbers have not recently changed.

**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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**Refine (Makeover – Landscape view)**

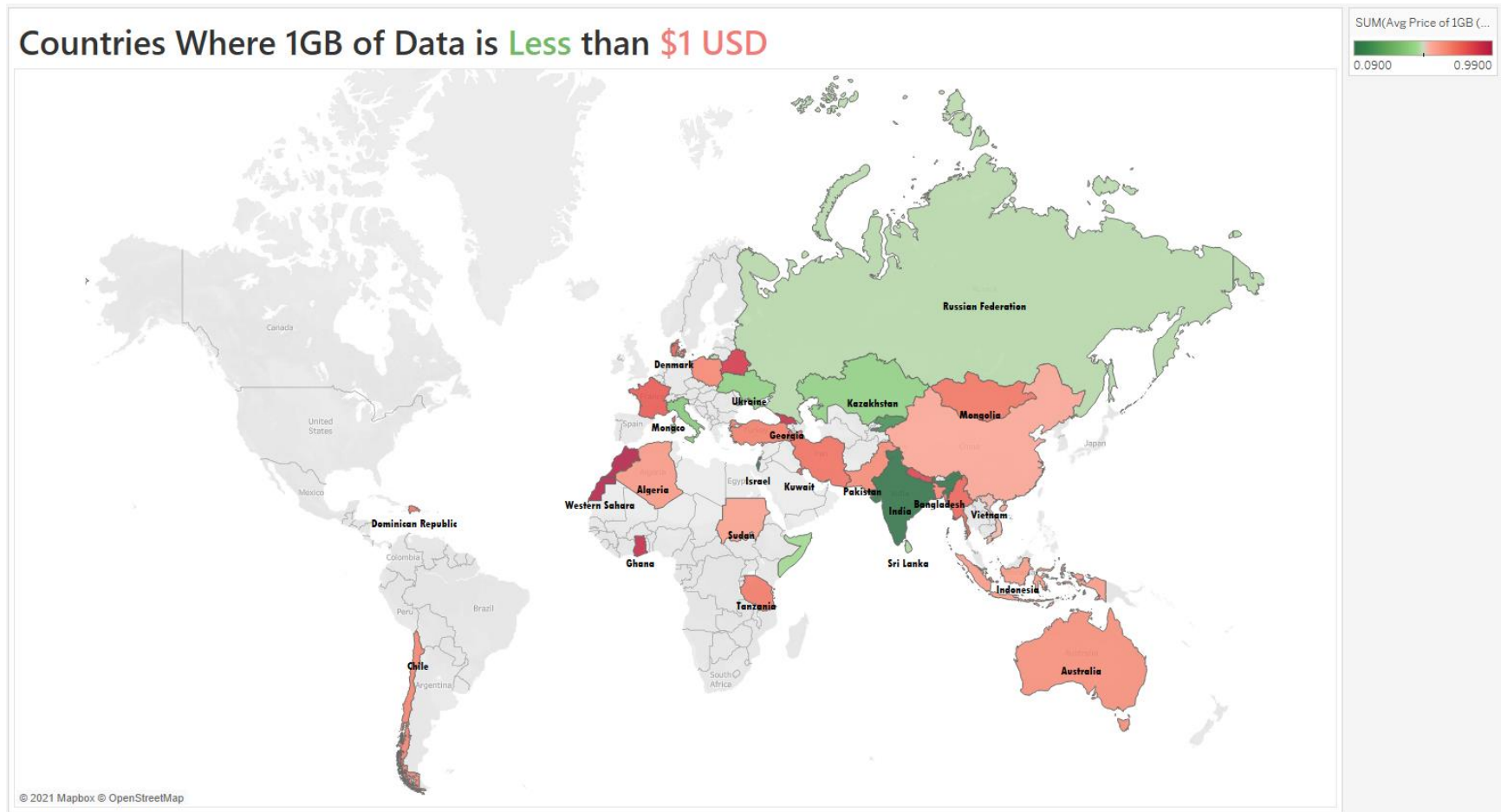


Figure Caption: World map. Countries where 1GB of data is under \$1 USD are shaded depending on closeness to \$1 USD. Green meaning further, while red meaning nearer. Countries are labeled.

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### Resources

Data Visualization Checklist:

[http://stephanieevergreen.com/wp-content/uploads/2016/10/DataVizChecklist\\_May2016.pdf](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 <b>ALL</b> 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 <b>MOST</b> 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 <b>SOME</b> 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]	
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]