

CGT 270 Data Visualization
Makeover Monday #1 (2019 Dataset)

Name: Saswat Mishra

Date: 3/10/2022

Max points: 25

Lab section: Thursday

Show your work!!!

Acquire

Week:

Date: 3/10/22

Year: 2019

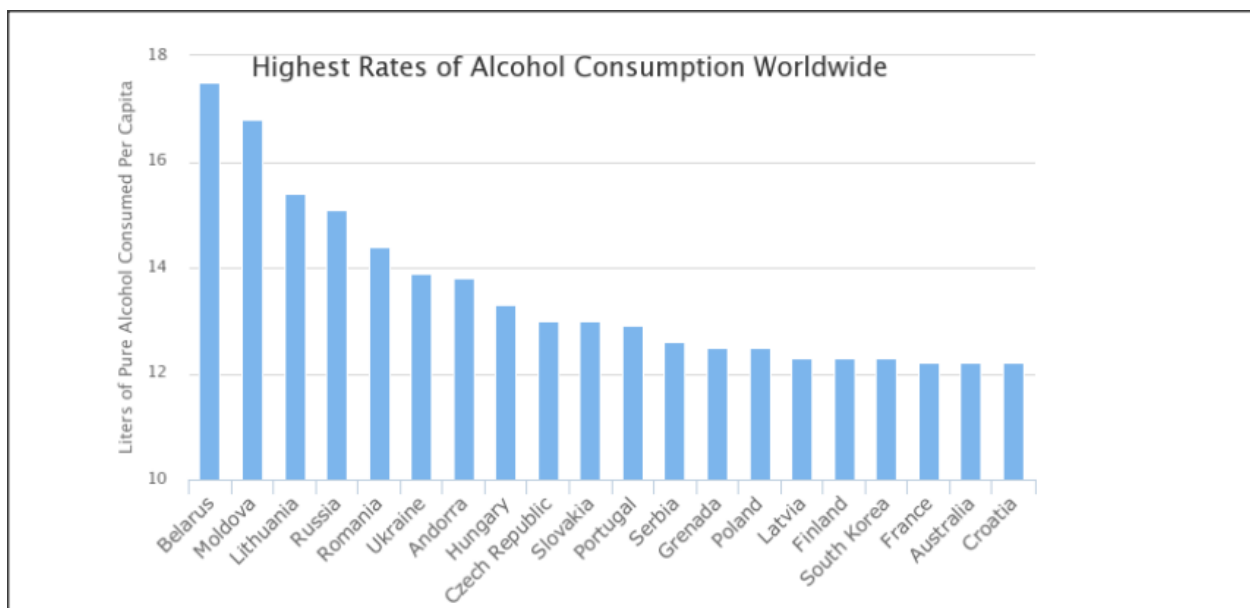
Data:

Source Article/Visualization:

Alcohol Consumption By Country

<https://www.makeovermonday.co.uk/data/data-sets-2016/>

Represent



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.

It is very simple and clearly states all the information. However, nothing really strikes the viewers' attention. I'd like to do a representation that showcases all the countries.

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

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characteristics: overview, detail, detail AND overview, divergent thinking, convergent thinking. Refer to Week 10 Readings to assist with categorizing the visualization.

It's an overview type of chart. It represents convergent thinking.

Mine

Which countries have the highest rates of alcohol consumption around the world?

Filter

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

# Sheet1	# Sheet1	# Sheet1
Rank	Country	Liters of pure alcohol consumed per capita
1	Belarus	17.50000
2	Moldova	16.80000
3	Lithuania	15.40000
4	Russia	15.10000
5	Romania	14.40000
6	Ukraine	13.90000
7	Andorra	13.80000
8	Hungary	13.30000
9	Czech Republic	13.00000
10	Slovakia	13.00000
11	Portugal	12.90000
12	Serbia	12.60000
13	Grenada	12.50000
14	Poland	12.50000
15	Latvia	12.30000
16	Finland	12.30000
17	South Korea	12.30000

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18	France	12.20000
19	Australia	12.20000
20	Croatia	12.20000
21	Ireland	11.90000
22	Luxembourg	11.90000
23	Germany	11.80000
24	Slovenia	11.60000
25	United Kingd...	11.60000

Stakeholders

- Who is your audience? What assumptions did you make? What visualization tool/software did you use?
People who are interested in the study of how much alcohol people consume. I assumed that all the data was accurate. I used Tableau.

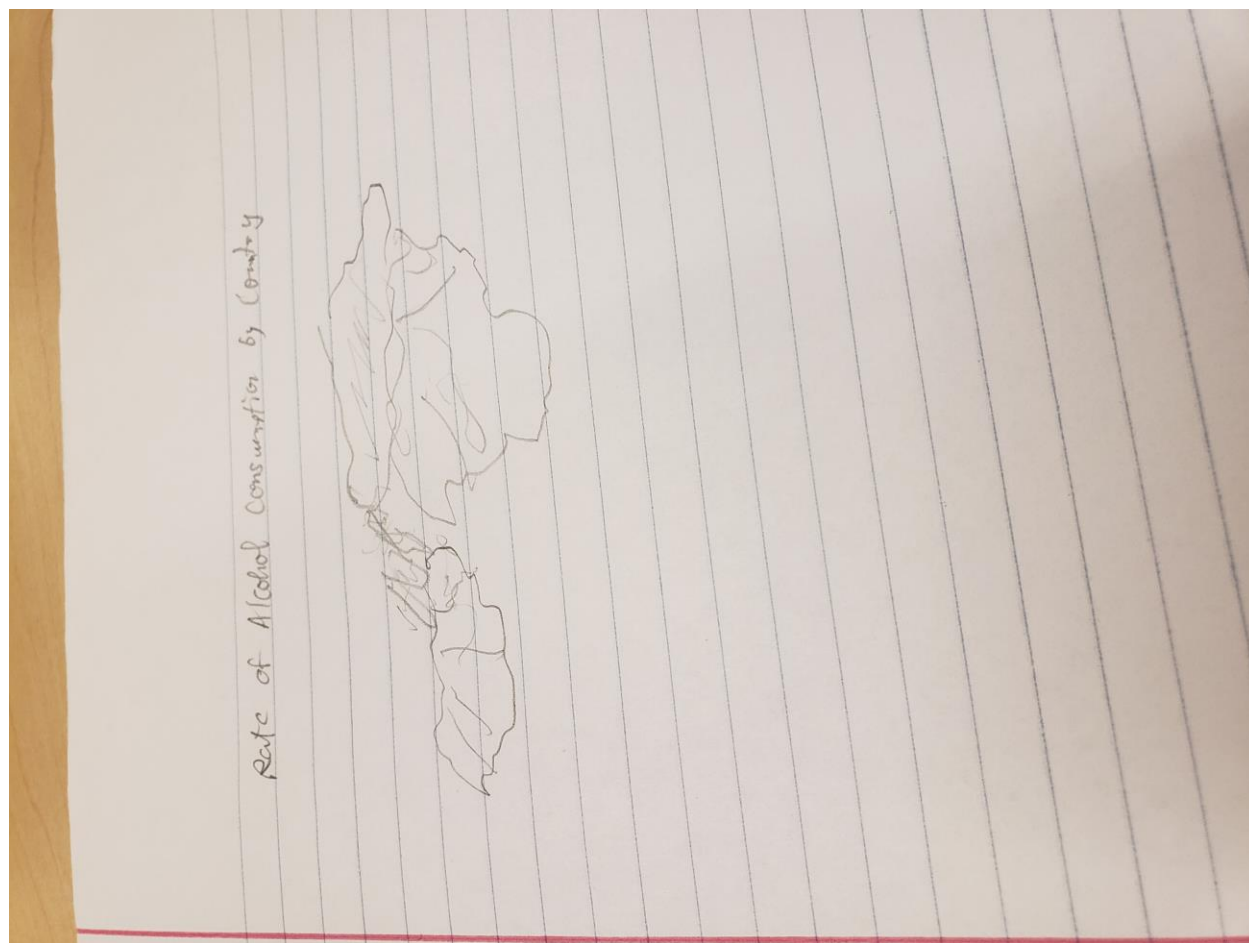
What to submit: This document in PDF format only (if you do not know how to do this, see Lab 0 Exercise 1). Save this document as: **LastnameFirstInitial_CGT270S22_MakeoverMonday#1.pdf**

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 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 – Portrait View)

In the space below, show the computer-generated version of your sketch using the visualization tool of your choice. DO NOT draw what you sketched. The visualization should be created with the visualization tool (Tableau, Excel, Power BI, etc., of your choosing). 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). **You MUST use more advanced chart types for your makeover.** **Chart types that are not allowed: bar (single or stacked), pie, line charts, scatter plots, no tables.**

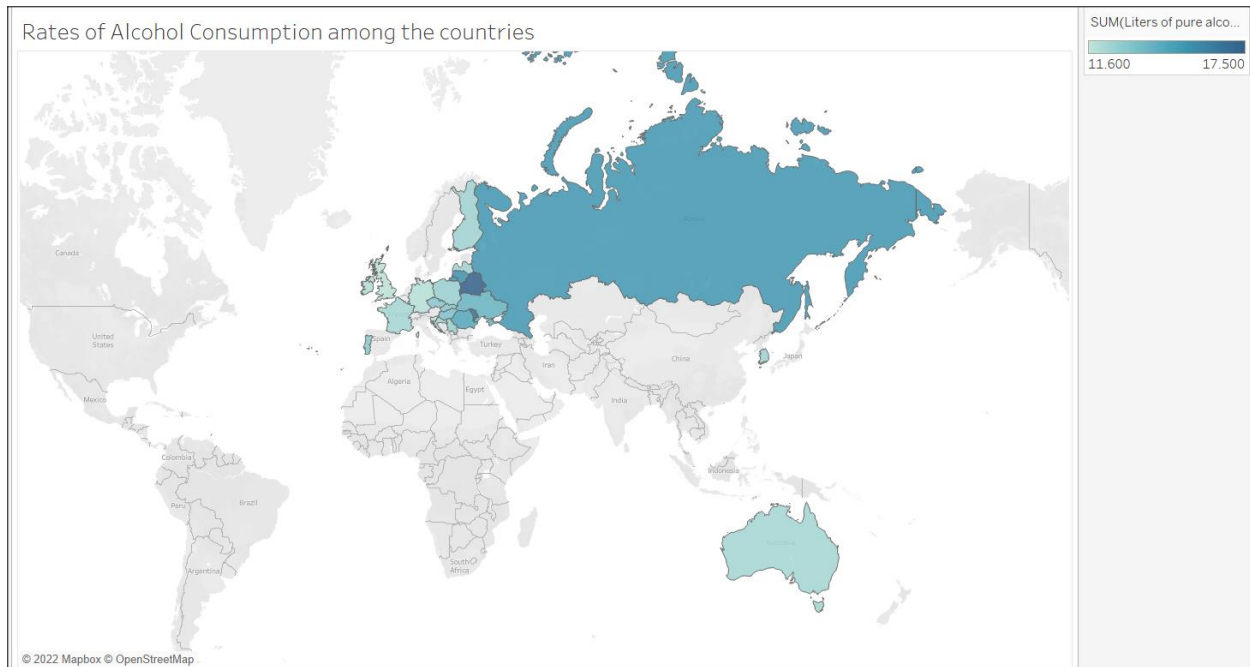


Figure Caption. Rates of Alcohol Consumption by Country

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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. [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 chart types used in the makeover [2 pts]	Little to no improvement in visual representation of the data [0 pts]