Name: Grace Combs   **Date:** 3/28/22   **Max points:** <u>25</u>

Lab section: Wednesday @ 9:30, section 003

Show your work!!!

<u>Acquire</u>

Week: 52

Date: Dec 28   Year: **2020**   Data: Global Import of Cocoa Beans
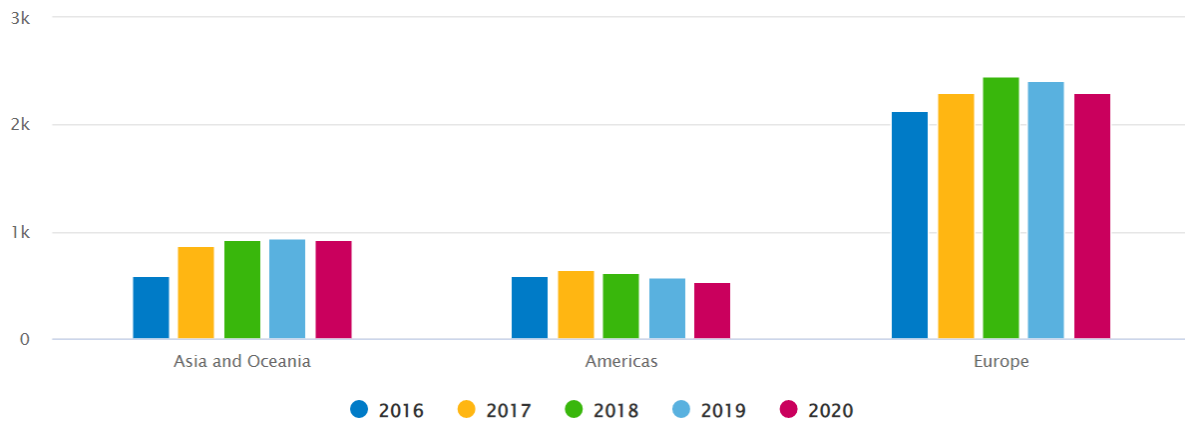
Source Article/Visualization:

Source: CBI (Centre for the Promotion of Imports)

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

<u>Represent</u>

Figure 1: Global imports of cocoa beans per region

in 1.000 tonnes

Source: Eurostat and International Trade Centre, 2021

<u>Critique</u>

Critique the visualization:

I like the use of diverse colors and the clarity of the graph.

I dislike that green and red are used because it makes the graph inaccessible to colorblind people, and I think this graph strongly compares cocoa bean imports within a region from 2016-2020, but lacks in comparing one region to another.

I plan to use a map instead of a bar chart to better compare the regions to each other.

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.

The chart is a bar chart which falls under the Data Visualization category and therefore focuses on overview and convergent thinking.

Mine

What region from the dataset imports the most cocoa beans?

Filter

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

Region	Year	Import in tonnes
Americas	2019	549000
Asia & Oceania	2019	924000
Europe	2019	2500000

Stakeholders

- Who is your audience? What assumptions did you make? What visualization tool/software did you use?

Audience: My audience is cocoa bean exporters or companies needing data for cocoa bean imports.

Assumptions: I assume there will be little correlation between regions on their imports because each region has different cultural needs and could possibly grow their own cocoa beans. I assume in colder climates there may be larger imports because they cannot grow their own cocoa beans.

Software: Procreate (It seems Tableau does not support maps where the data is based on continents or regions, so Tableau would not accept the data. I got creative and filled in my own map)

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)

Cocoa Bean Imports in Tons by Region in 2019
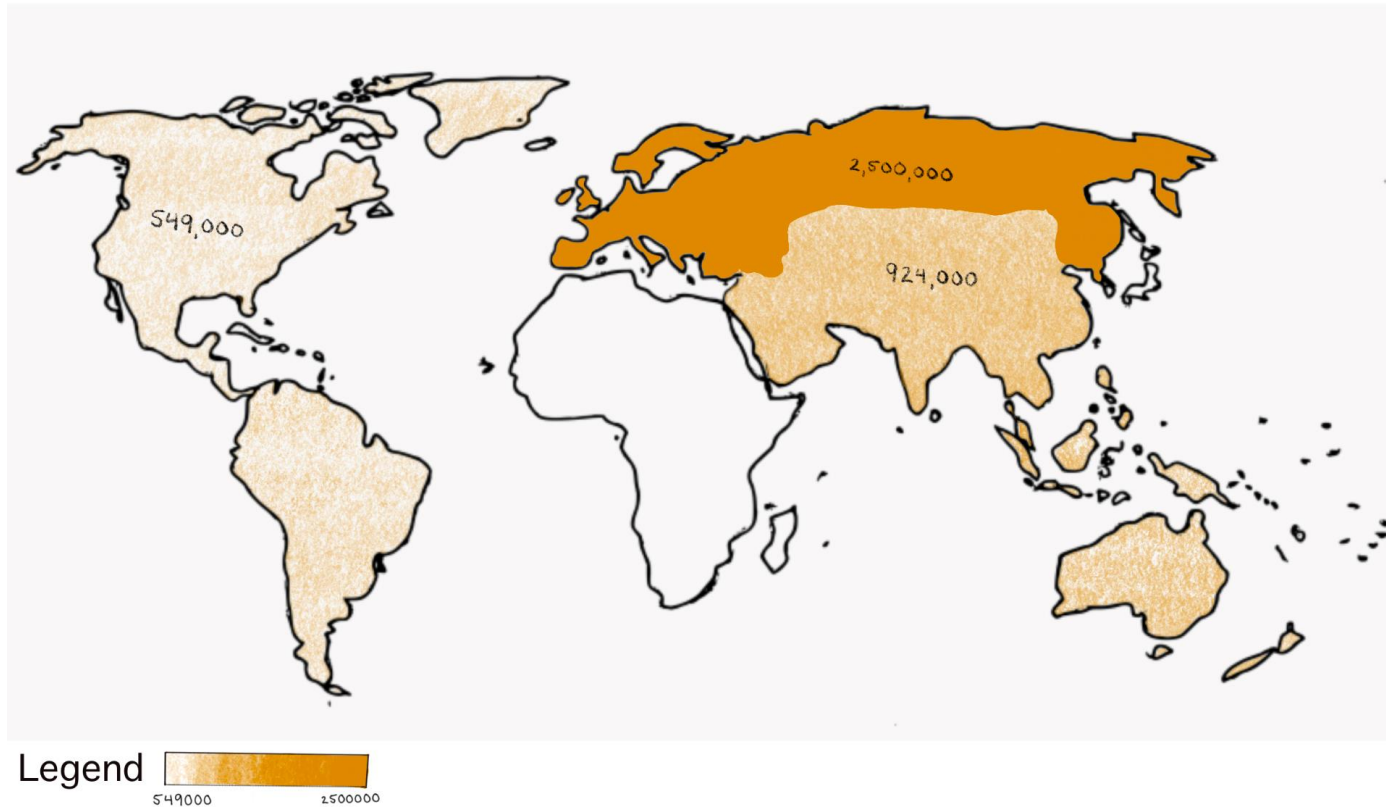

Legend

549000   2500000

Figure Caption. Map of Europe, the Americas, Asia & Oceania displaying the import of cocoa beans in 2019 by the ton.

CGT 270 Data Visualization
Makeover Monday #2 (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	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]