CGT 270 Data Visualization
Makeover Monday #1 (2018 Dataset)

Name: Jeremy Chen **Date:** 10/19/21

Lab section: Tuesday

Show your work!!!

Acquire

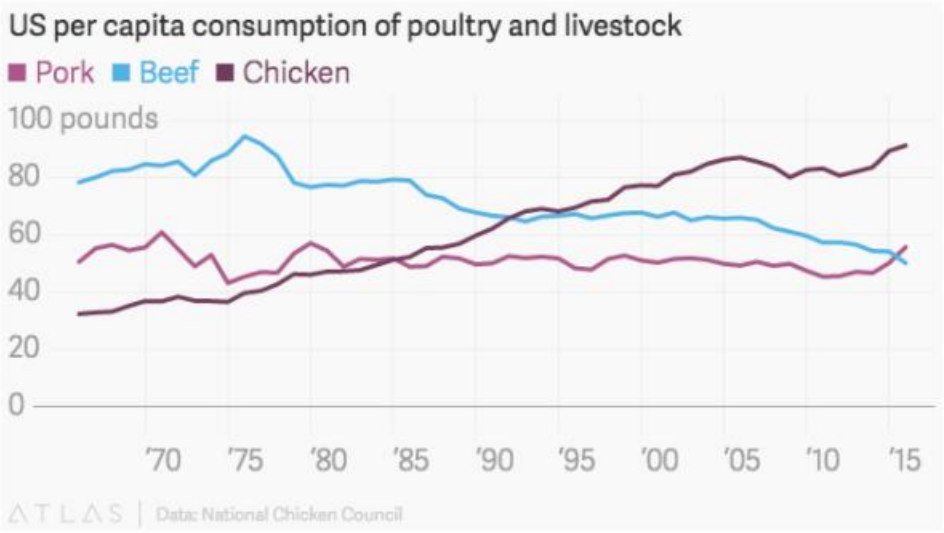
Week: 1

Date: Jan 1 Year: **2018** Data: data.world

U.S. Per Capita Consumption of Poultry and Livestock Data Source: National Chicken Council

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

Represent



Critique

This representation covers the measure names and the total measure values. I like that it shows the categorical and quantitative values from the data. It included the variable year, but I would change the entire graph to a different format.

Mine

What is the total amount of consumption over the years of recording?

What is the average consumption of just chicken?

Which meat has the highest amount of consumption?

Filter

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

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Year	Actual/Forecast	Beef	Pork	Total Red Meat	Broilers	Other Chicken	Total Chicken	Turkey	Total Poultry	Total Red Meat & Poultry	Commercial Fish & Shell-Fish

Stakeholders

- Who is your audience? People who are trying to do research on the consumptions of meat to predict the need of consumption in the future.
- What assumptions did you make? The year of the visualization has the increment of 5 to make it easier to forecast.
- What visualization tool/software did you use? Tableau

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!

Refine (Makeover – Portrait View)

Use an additional page if necessary. 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).

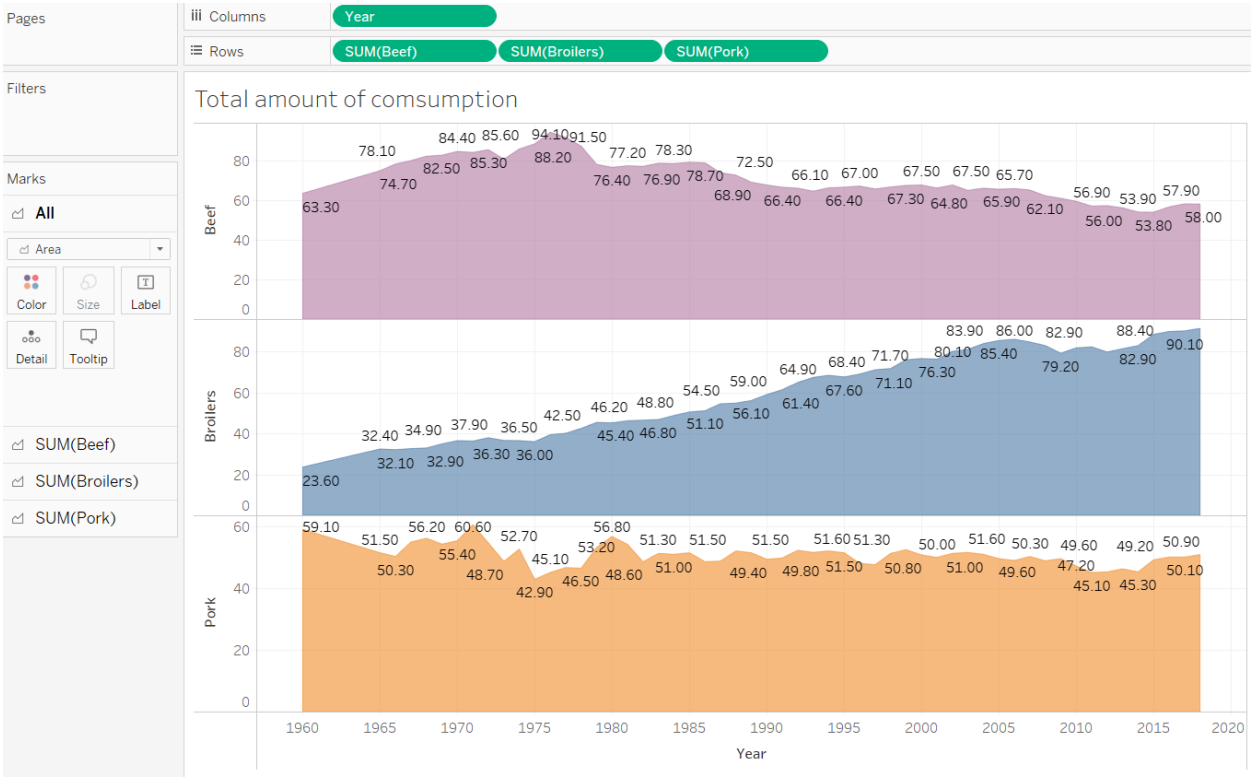

Figure Caption. The plots of sum of Beef, sum of Broilers, and sum of Pork for Year.

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<u>Refine</u> (Makeover – Landscape view)

Use an additional page if necessary. 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).

Figure Caption. <replace this text with your figure caption>.

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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 (21-25 pts)	**Good (10-20 pts)**	**Fair (5 – 9 pts)**	**Needs Improvement (0 – 4 pts)**
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.	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.	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.	Little to no evidence of the understanding of the data visualization process. Lackluster makeover or no makeover. Little effort.