

CGT 270 Data Visualization  
Makeover Monday #2 (2019 Dataset)

**Name:** Nathan Rusk

**Date:** 10/28/2021

**Lab section:** Thursday

**Show your work!!!**

**Acquire**

Week:

Date:

Year: **2019**

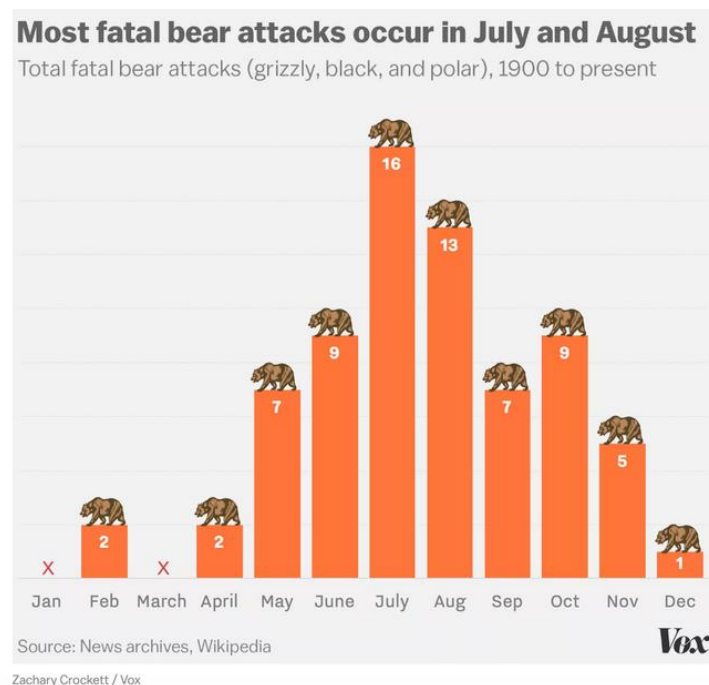
Data: North American Bear Attacks

**Source Article/Visualization:**

[North](#) [American](#) [Bear](#) [Attacks](#)  
Data Source: [Wikipedia](#)

**NOTE:** The data was collected, prepared, and distributed by [Ali Sanne](#) on [data.world](#). Please reference her in your visualizations.

**Represent**



**Critique**

I like that it is simple and to the point. I like that they have a picture of a bear on the bars. I think, with this dataset, you could also add whether the attacks were from captive or wild bears. I want add what type of bear it is also (brown, black, or polar bear), and change it so the data is all combined rather than by month.

CGT 270 Data Visualization  
Makeover Monday #2 (2019 Dataset)

This visualization is in the yellow “Data Visualization” category, which means it is a visual representation of quantitative data in schematic form.

The characteristics are: structure visualization, which depicts a set of conceptual relationships. Overview, which emphasizes the global overview of the data information, and convergent thinking, which is a method of thinking used to reduce complexity. It can be considered a temporal data visualization because it has a start and a finish time. It is also a discrete time-series, with a cyclic trend.

### Mine

-Are there more bear killings from wild bears or captive bears?

-What type of bear: black, brown, or polar?

### Filter

Type	Type Of Bear	Count of north_america_bear_killings.csv
Captive	Polar Bear	4
Captive	Brown bear	8
Captive	Black bear	16
Wild	Polar Bear	6
Wild	Black bear	60
Wild	Brown bear	72

### Stakeholders

- Who is your audience? What assumptions did you make? What visualization tool/software did you use?
- The audience is people who may be around bears: hunters, hikers, local to their habitats. Also, researchers/scientists, Department of Natural Resources, and anyone who is curious.

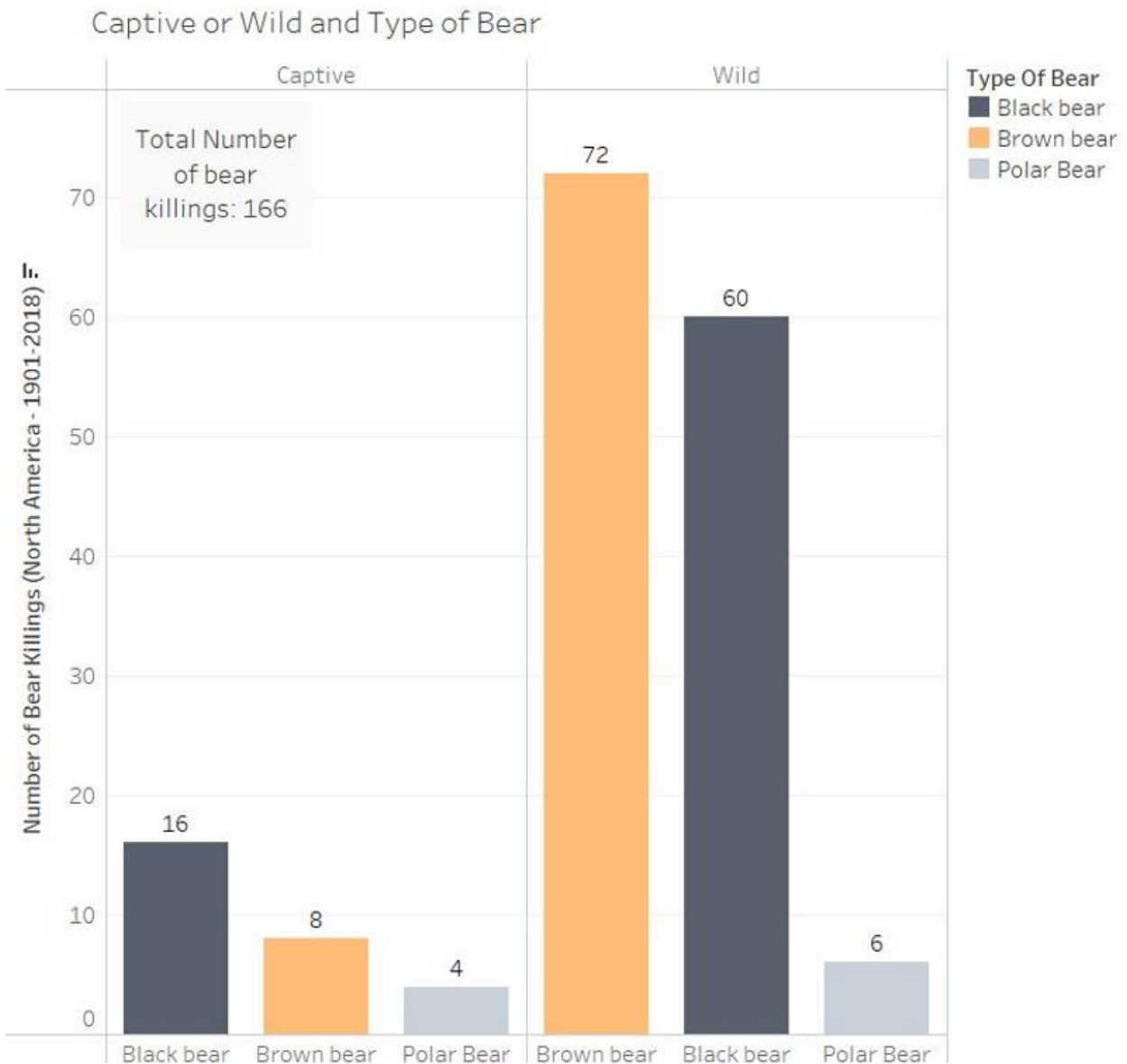
**What to submit:** This document in PDF format only (if you do not know how to do this, ask).

**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).

## Number of Bear Killings From 1901-2018



**Figure Caption:** This bar chart shows the number of bear killings for North American from 1901-2018. It also shows the type of bear: brown, black, or polar bear, and whether the bear is in the wild or is captive.

CGT 270 Data Visualization  
Makeover Monday #2 (2019 Dataset)

### 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

<b>Excellent (21-25 pts)</b>	<b>Good (10-20 pts)</b>	<b>Fair (5 – 9 pts)</b>	<b>Needs Improvement (0 – 4 pts)</b>
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.