**Name:** Ben Habegger **Date:** Tuesday, November 9th

**Lab section:** Tuesday-007

**Show your work!!!**

**Acquire**

Week: 36

Date: 05.09.2021 Year: **2021** Data: Gallup

**Source Article/Visualization:**

What do Americans think about abortion?

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

**Represent**

Chart, histogram

Description automatically generated

**Critique**

I like the use of the legend and colors/patterns, it makes it easy to read. Although the use of patterns and colors is nice, I think the background should be white because it slightly contrasts with the green and light blue colors. Additionally, the blue and green are both still Pro-Life, so the different colors may make the reader think they are opposites when they are very similar but with slight differences. The data set uses multiple dates throughout certain years and in this visualization, they have removed the specific dates. Also, it looks like certain points on the graph are labeled but to no specific or underlying reason why.

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 graph falls under the line chart category being overview and convergent thinking. This means the reader can get a ‘first glance’ impression of the graph and make an interpretation of their own. It is easily inferable that the ‘Legal Only Under Certain Circumstances’ category comes in first place by simply taking a look at the graph and then the legend

**Mine**

I am attempting to answer the question of, do most Americans think abortion should be legal? What about in certain circumstances.

**Filter**

**﻿**

**Table

Description automatically generated**

**Stakeholders**

* My audience is people who have a stake or vested interest in the discussion of abortion in the United States? I assumed the audience would be able to read the legend correctly, and I also assumed the audience could make their own inferences and conclusions from the graph and would know to hover to find more specific data. I used tableau to visualize the data.

**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. **Chart

Description automatically generated**

**Refine (Makeover – Landscape view)**

A picture containing chart

Description automatically generated

Figure Caption. Answering the question, Should Abortion Be Legal In The United States ranging from 1975 - 2020.

**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**  **(11-15 pts)** | **Good**  **(6 -10 pts)** | **Fair**  **(2-5 pts)** | **Needs Improvement (0 - 1 pt)** |
| 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. |
| Sketch included: hand drawn [5 pts] | Sketch included, but was generated by computer [2 pts] | No sketch included. [0 pts] |  |
| Makeover Monday Assessment Completed  [5 pts] | Makeover Monday Assessment not completed [0 pts] |  |  |