**Name:** Connor Colbert **Date:** March 28, 2022 **Max points:** 25

**Lab section:** Wednesday @ 11:30 AM

**Acquire**

Week: 1

Date: January 6th Year: **2020** Data: [What is America's most popular sport?](https://data.world/makeovermonday/2020w1-what-is-americas-most-popular-sport)

**Source Article/Visualization:** [40 maps and charts that explain sports in America](https://www.vox.com/2014/10/14/6951261/sports-maps-charts)

**Data Source:** [Gallup](https://news.gallup.com/poll/4735/sports.aspx#1)

**Represent**

Chart, line chart

Description automatically generated

**Critique**

*Likes*

* I like the smoothness in the lines and how everything flows very well together.
* The visualization is very clean and easy to follow.

*Dislikes*

* I feel as though the contrast between the colors chosen make it difficult to differentiate between the lines.
* Only the top percentage on the left includes a % sign.
* The end of the Baseball and Basketball curves are a little hard to tell apart.

*What I will do:* I think I will go for a more artistic design of my visualization. I want to make an emphasis on the specific sports and add images with percentages to illustrate how popular the sports are.

This visualization would be categorized as a *data visualization* and is a multi-line graph.

**Mine**

I will be answering:

* “What is America’s favorite sport?”
* “How do ball sports compare to other sports?”

**Filter**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Football** | **Baseball** | **Basketball** | **Soccer** | **Ice hockey** | **Auto racing** | **Figure skating** |
| **2017** | 37 | 9 | 11 | 7 | 4 | 2 | 1 |
| **2013** | 39 | 14 | 12 | 4 | 3 | 2 | 1 |
| **2008** | 41 | 10 | 9 | 3 | 4 | 3 | 1 |
| **2007** | 43 | 13 | 11 | 2 | 4 | 3 | 2 |
| **2006** | 43 | 11 | 12 | 2 | 2 | 4 | 3 |
| **2005** | 34 | 12 | 12 | 3 | 4 | 5 | 3 |
| **2004** | 37 | 10 | 13 | 2 | 3 | 5 | 4 |
| **2003** | 37 | 10 | 14 | 2 | 5 | 5 | 6 |
| **2002** | 37 | 12 | 13 | 2 | 3 | 5 | 4 |
| **2001** | 28 | 12 | 16 | 2 | 3 | 6 | 4 |
| **2000** | 33 | 13 | 15 | 2 | 5 | 5 | 4 |
| **1998** | 36 | 16 | 12 | 2 | 3 | 3 | 2 |
| **1997** | 30 | 14 | 17 | 2 | 3 | 7 | 2 |
| **1995** | 32 | 16 | 15 | 1 | 3 | 2 | 2 |
| **1994** | 37 | 16 | 13 | 2 | 1 | 2 | 3 |
| **1994** | 35 | 21 | 11 | 2 | 3 | 2 | 3 |
| **1992** | 38 | 16 | 12 | 1 | 4 | 2 | 2 |
| **1990** | 35 | 16 | 15 | 1 | 3 | 1 | 2 |
| **1981** | 38 | 16 | 9 | 2 | 2 | 1 | 2 |
| **1972** | 32 | 24 | 9 | 0 | 4 | 2 | 1 |
| **1972** | 38 | 19 | 10 | 0 | 5 | 0 | 0 |
| **1960** | 21 | 34 | 9 | 0 | 3 | 0 | 1 |
| **1948** | 17 | 39 | 10 | 0 | 3 | 1 | 0 |
| **1937** | 23 | 34 | 8 | 0 | 2 | 1 | 1 |

**Stakeholders**

* My audience is anybody interested in American sports entertainment
* I assume that the data is not polled from the same audience every year

**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 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. **Text, letter

Description automatically generated**

**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.**

Text, letter

Description automatically generated

America’s top 5 favorite sports as of a 2017 survey.

**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] |