

CGT 270 Data Visualization  
Makeover Monday #3 (2020 Dataset)

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**Lab section:** CGT 270-009 Week11

**Show your work!!!**

**Acquire**

Week: 1

Date: Jan 6<sup>th</sup>

Year: **2020**

Data: What is America's most popular sport?

**Source Article/Visualization:**

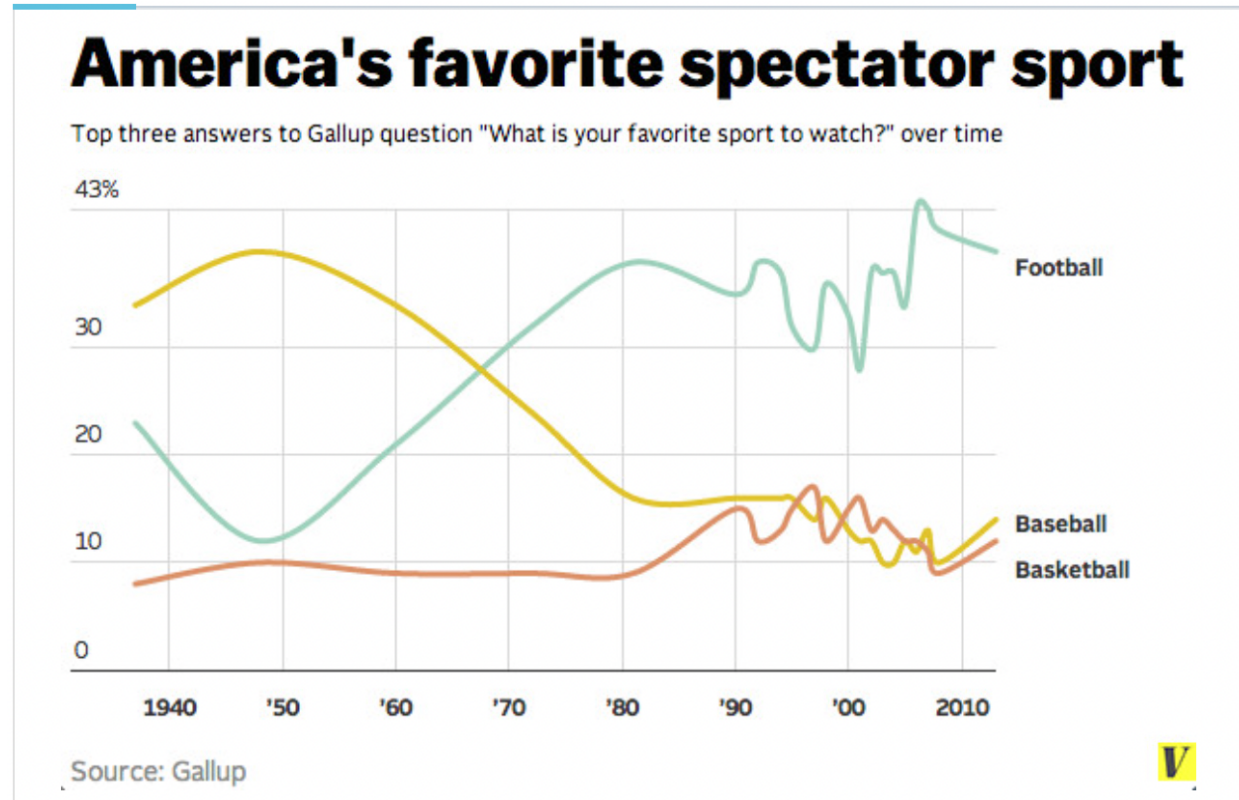
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37	39	41	43	43	34	37
11	12	9	11	12	12	13
9	14	10	13	11	12	10
7	4	3	2	2	3	2
4	3	4	4	2	4	3
2	2	3	3	4	5	5
2	3	1	1	1	3	2
1	2	2	2	3	2	2
1	0	1	0	0	1	0
1	1	2	1	2	1	1
1	0	1	1	1	0	1
1	0	0	0	0	0	1
1	1	1	2	3	3	4
0	0	0	0	0	1	1
0	1	0	0	0	0	0
0	1	0	0	0	1	0
0	0	0	0	0	0	0
0	0	0	1	0	1	1
0	0	0	0	0	0	0
5	4	6	3	3	4	4

Data Source: Gallup

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

## Represent



## Critique

Critique the visualization: what do you like about it, dislike about it, what do you plan to do differently? Remove this text and highlighting before submitting your work.

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.

I like this visualization's color scheme. The line chart shows the rise and down about the number of people's favorite sport. Also, this graph has a clear title. However, the chart is not labeled, and people cannot know the exact result about which sport most people like it.

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Based on the Periodic Table of Visualization Methods, I will use data visualization to present on my represent stage. I will use bar chart and packed bubble to represent my visualization. For the detail I will focus on the data of football and the top 5 popular sports in 2017, and it's divergent thinking.

**Mine**

What question(s) are you attempting to answer?

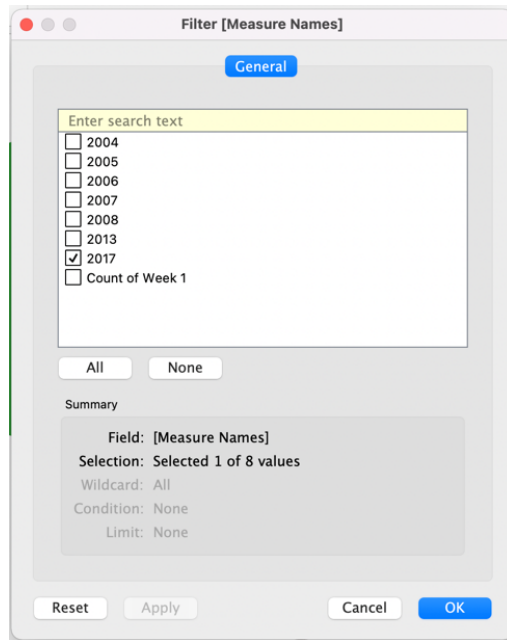
The American Top 5 popular sports in 2017

The Popular American Sports each year

**Filter**

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

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I keep only football for the sport in the first sheet and keep only the data in 2017 for the second sheet

### Stakeholders

- Who is your audience? What assumptions did you make? What visualization tool/software did you use?  
Th people who like playing sports  
The data is the gathered from the people who like play  
The data is randomly gathered from the people in America  
Tableau

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

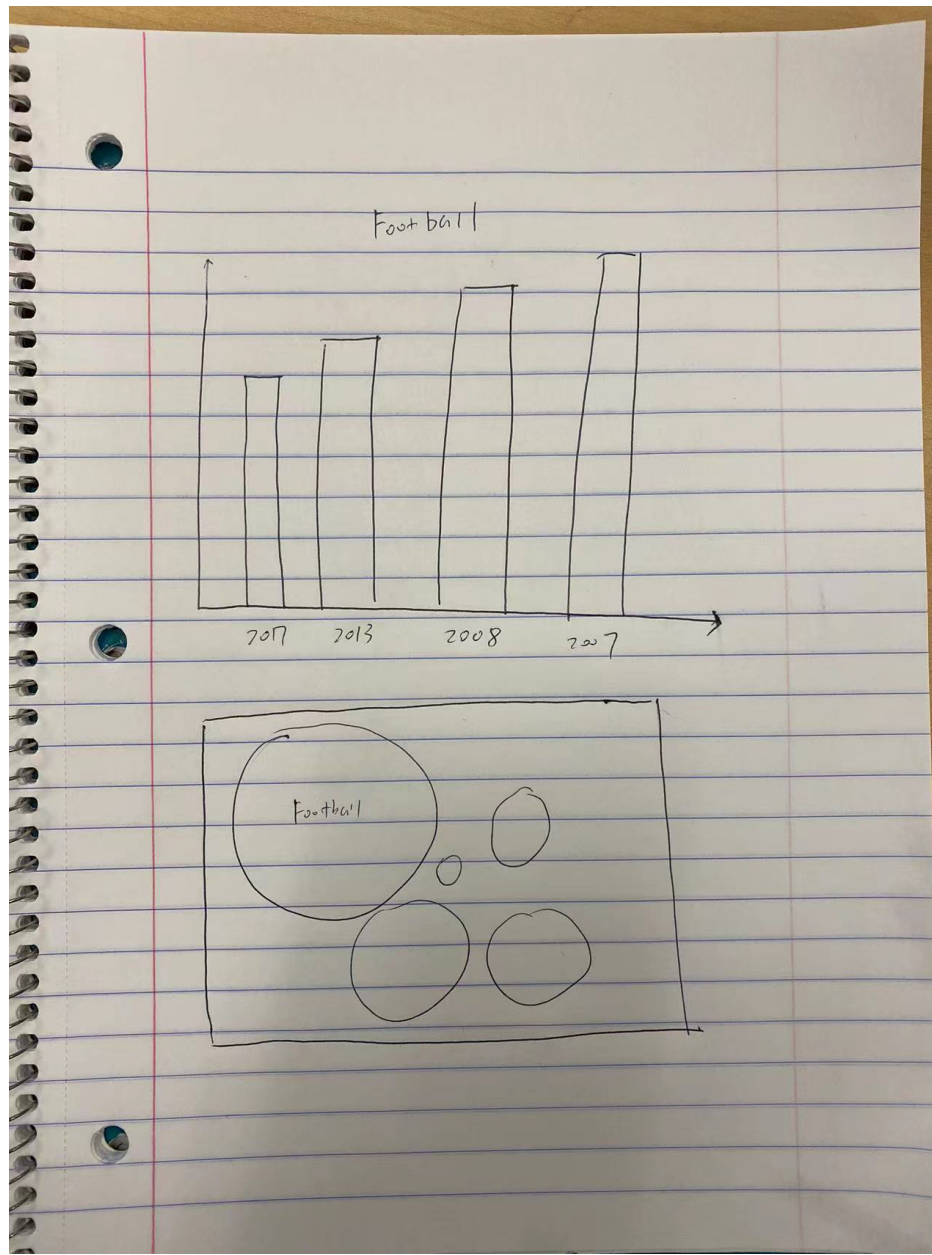
**Choose the best layout** for your makeover visualization: Portrait or Landscape, Remove the page of the layout that you DO NOT choose. No blank pages!

### **NEW** Sketch your Makeover

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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.

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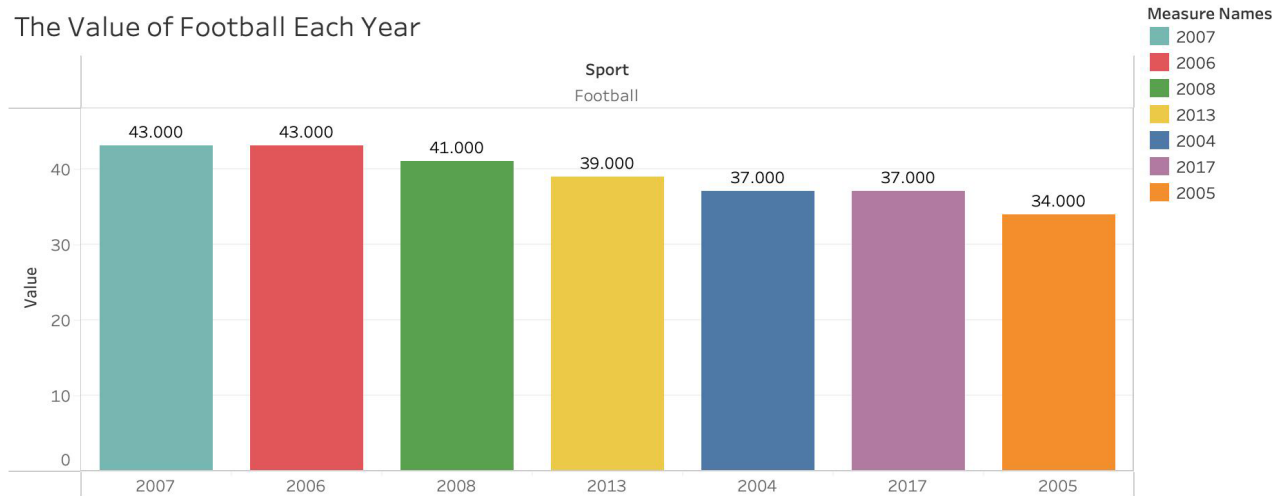


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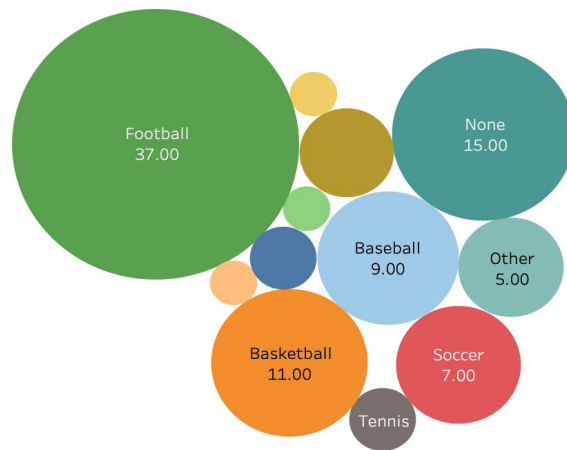
**Refine (Makeover – Landscape view)**

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).

The Value of Football Each Year



The Top 5 American Most Popular Sports in 2017





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Figure Caption. <A dashboards compose two graphs 1. A bar chart that represents the value of football each year. I ranked the hierarchy for the value of each year 2. A packed bubble shows the top 5 popular sports in America>.

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### 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

Excellent (11-15 pts)	Good (6 -10 pts)	Fair (2-5 pts)	Needs Improvement (0 - 1 pt)
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.
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]		