**Name:** Kailan Barnes **Date:** 11/2/2021

**Lab section:** Tuesday - 007

**Show your work!!!**

**Acquire**

Week: week 21

Date: May 25 Year: **2020** Data: Visualizing 40 Years of Music Industry Sales

**Source Article/Visualization:**

SOURCEARTICLE: [Visual Capitalist](https://www.visualcapitalist.com/music-industry-sales/)  
DATA SOURCE: [RIAA](https://www.riaa.com/u-s-sales-database/)

**Represent**

Chart, surface chart

Description automatically generated

**Critique**

I like its use of a line chart, as it uses it correctly. I dislike the visualization since it removes a lot of the information provided since there are multiple subtypes of physical and digital music formats that are included in the source data. In my visualization, I plan to filter out the digital formats and focus on the physical comparisons.

Overview- depending on the task, visualization can emphasize certain aspects of the data. Convergent thinking is a mode of critical thinking in which a person attempts to reduce complexity through analysis and synthesis. Data viz-visual representation of quantitative data in schematic form without axis.

**Mine**

What are the differences in sales between different physical music formats?

Is there a format that is the most popular?

**Filter**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **﻿Format** | **Metric** | **Year** | **Number of Records** | **Value (Actual)** |
| **CD** | **Value** | **1973** | **1** |  |
| **CD** | **Value** | **1974** | **1** |  |
| **CD** | **Value** | **1975** | **1** |  |
| **CD** | **Value** | **1976** | **1** |  |
| **CD** | **Value** | **1977** | **1** |  |
| **CD** | **Value** | **1978** | **1** |  |
| **CD** | **Value** | **1979** | **1** |  |
| **CD** | **Value** | **1980** | **1** |  |
| **CD** | **Value** | **1981** | **1** |  |
| **CD** | **Value** | **1982** | **1** |  |
| **CD** | **Value** | **1983** | **1** | **17.2** |
| **CD** | **Value** | **1984** | **1** | **103.3** |
| **CD** | **Value** | **1985** | **1** | **389.5** |
| **CD** | **Value** | **1986** | **1** | **930.1** |
| **CD** | **Value** | **1987** | **1** | **1,593.60** |

**Stakeholders**

* The audience is people in the music industry and the sales industry
* The data provided is truthful and no errors were made in making the chart. The value is in US Millions, as it is unclearly stated, and the data comes from the entire music industry as there is nothing stating it came from a specific area.
* I used tableau to make the visualization.

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

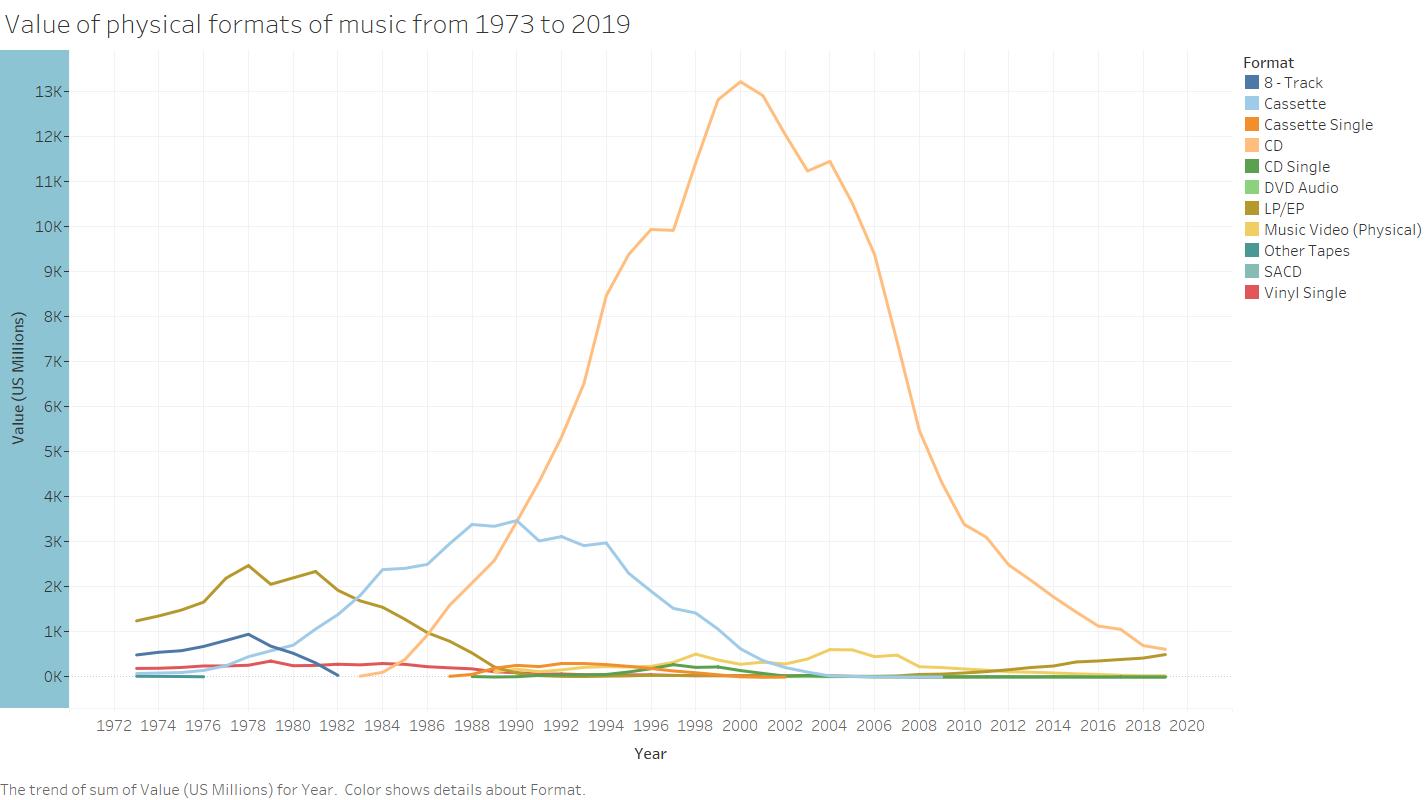
**Choose the best layout** for your makeover visualization: Portrait or Landscape, Remove the page of the layout that you DO NOT choose. No blank pages!

**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. Timeline

Description automatically generated

**Refine (Makeover – Landscape view)**



The value in millions of US dollars of different music formats from the years 1973 to 2019 across the entire music industry.

**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] |  |  |