

Chart Critique

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Executive Summary

Understanding charts through different stories

- 2 Charts liked
- 2 Charts not liked
- 2 Clear charts
- 2 Muddled charts
- 2 Charts that deceive
- 3 Chart valuations

Scale of **Initial** Chart Thoughts

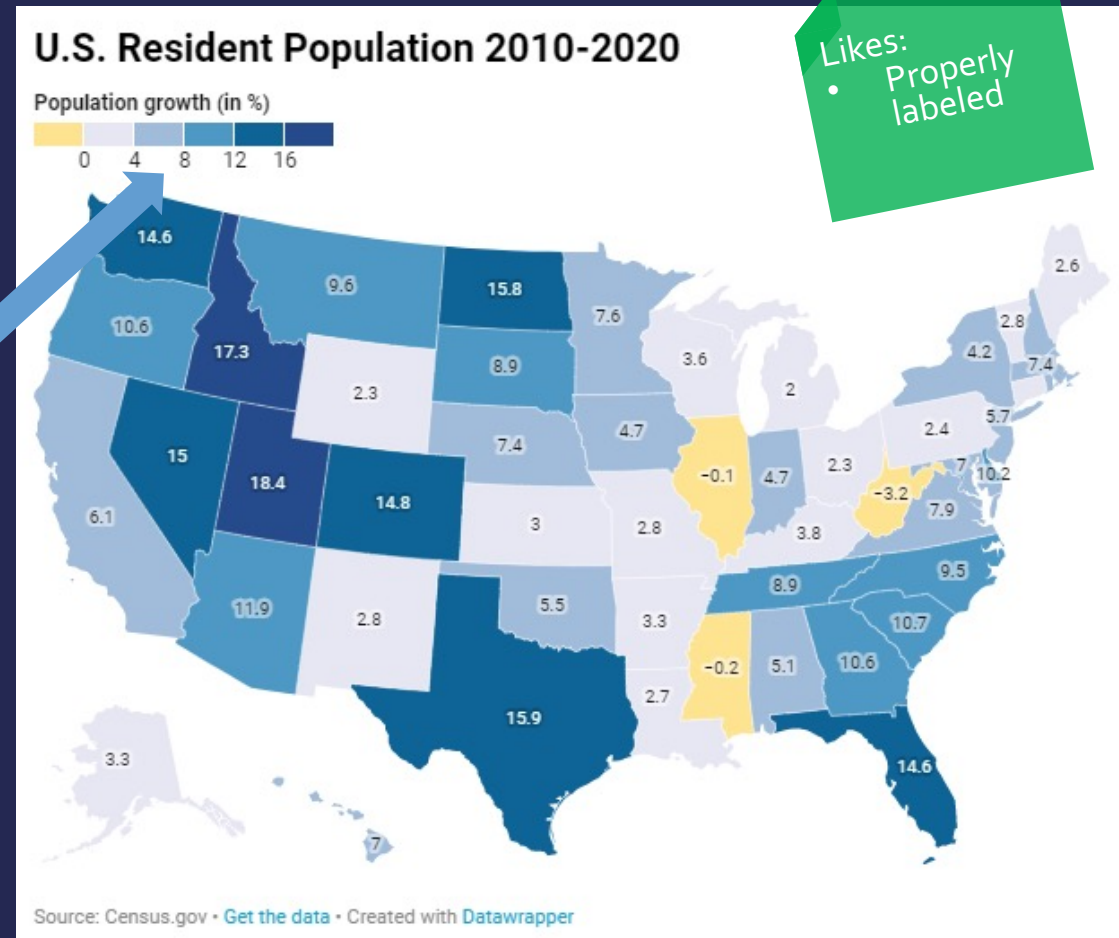
- Trending **Green** with happy face notes clear, concise and easy to read
- Trending **Red** with angry face notes muddled, overwhelming and difficult to read



Liked Chart One

01 Likes

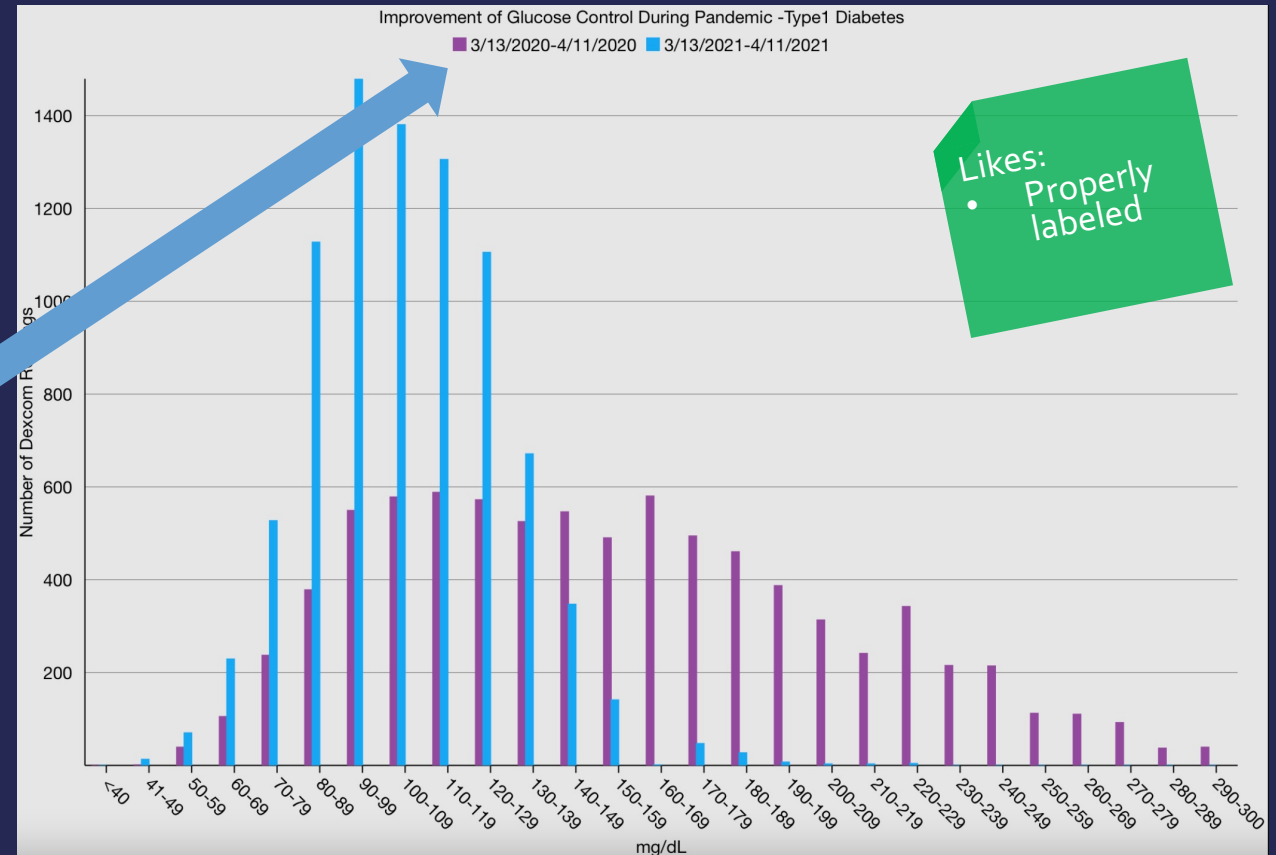
- Clear intent of the chart - Population
- Properly labeled with dates and percentage numbers
- Color scheme trends darker with population growth



Liked Chart Two

01 Likes

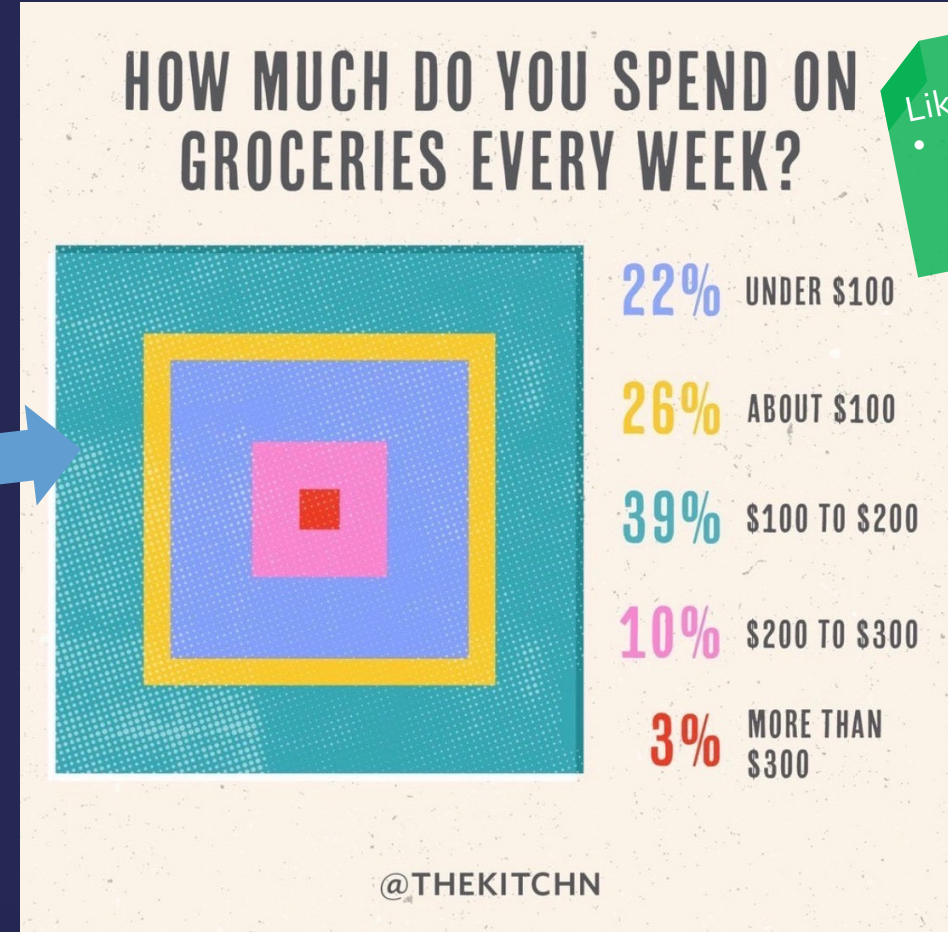
- Clear title, with clear data dates timeline
- Clear x-axis and y axis labeling
- Clear colors and background



Disliked Chart One

01 Dislikes

- Not in order
- Unclear labeling in box figure
- Missing mark of the main idea of how much is spent on weekly groceries



Likes:

- Color Scheme



Disliked Chart Two

02 Dislikes

- Color labels do not match bar colors
- Mismatched labeling
- Y-axis is not clearly labeled
- X-axis is not clearly labeled



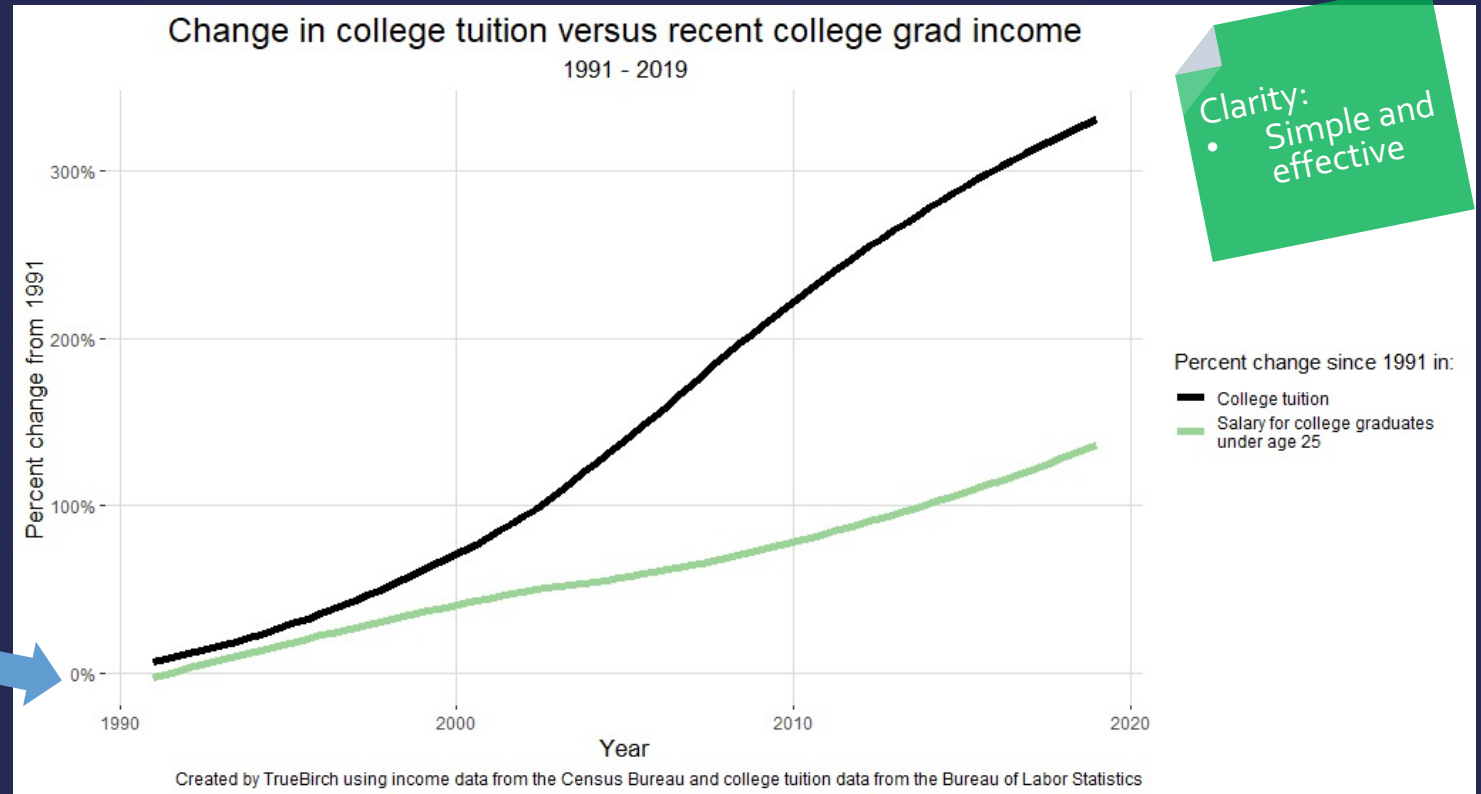
Likes:
• Simplicity



Clear Chart One

01 Attributes leading to of clarity

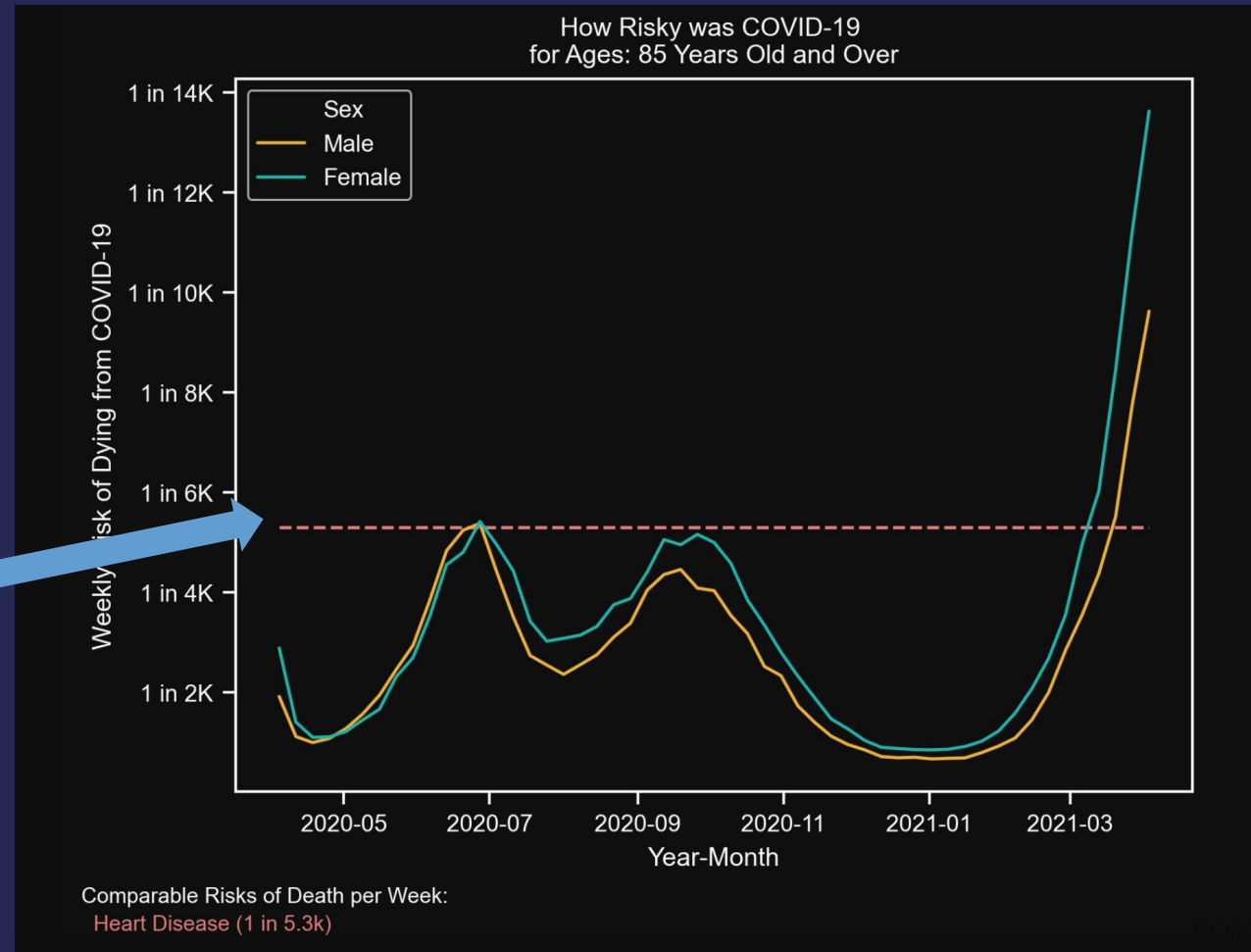
- Distinct colors matching legend
- Clear legend
- Y-axis clearly labeled
- X-axis clearly labeled



Clear Chart Two

02 Attributes leading to of clarity

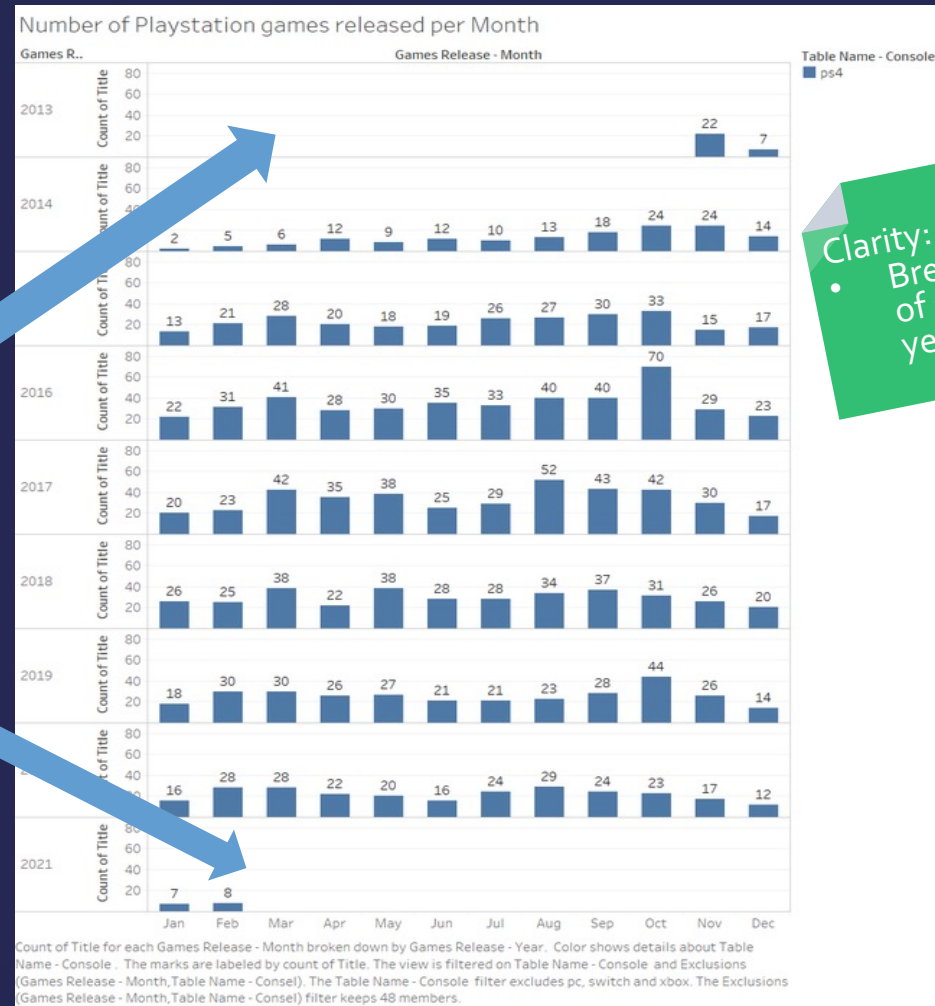
- Distinct colors matching legend
- Clear legend
- Y-axis and X-axis clearly labeled
- Clear color scheme
- Distinct trend line is properly labeled



Muddled Chart One

01 Attributes leading to lack of clarity

- Overload of information
- Would be helpful to see the trend line over the years
- Missing data for 2013 and 2021



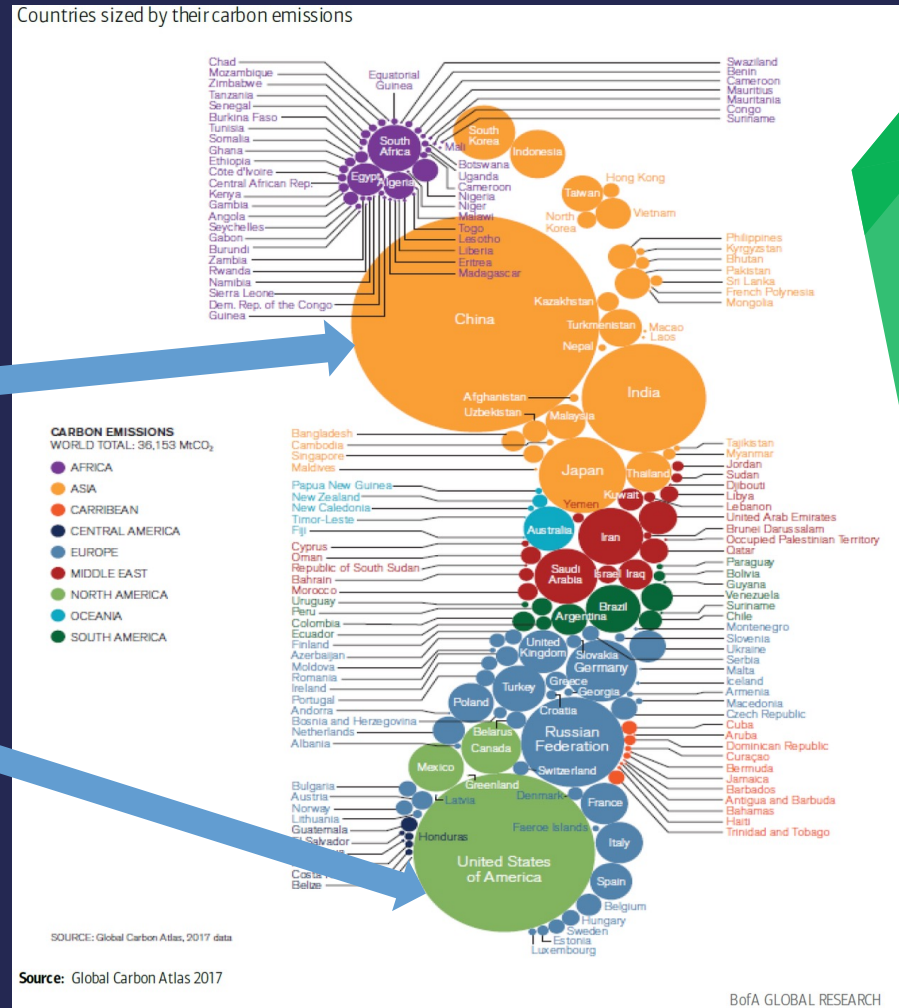
Clarity:
• Breakdown of single year



Muddled Chart Two

02 Attributes leading to lack of clarity

- Lacking simplicity
- Would be helpful to see the carbon emission percentages by population
- Difficult to read with small text



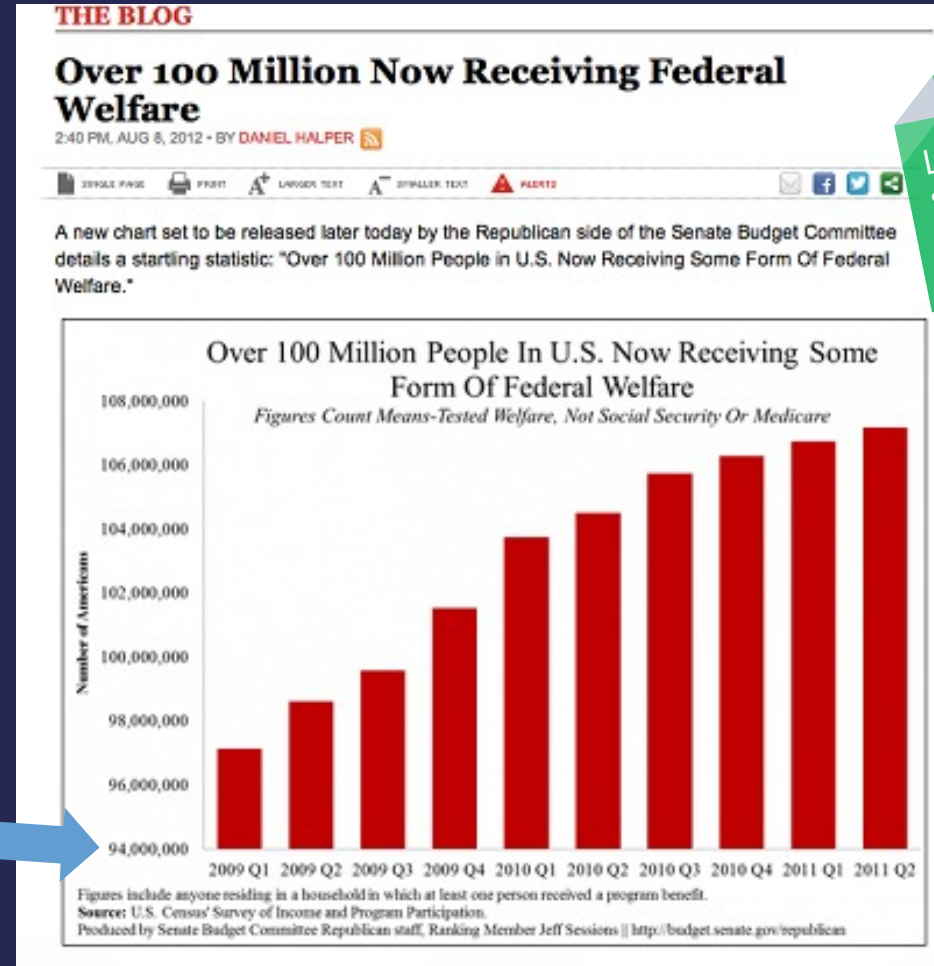
- Clarity:
- Easily identifies China & USA are contributors
 - Shows carbon FOOTprint



Deceptive Chart One

01 Deceptive Techniques

- This graph makes the welfare issue appear out of control
- Y-axis starts at 94 million
- Does not note overall population to welfare recipients



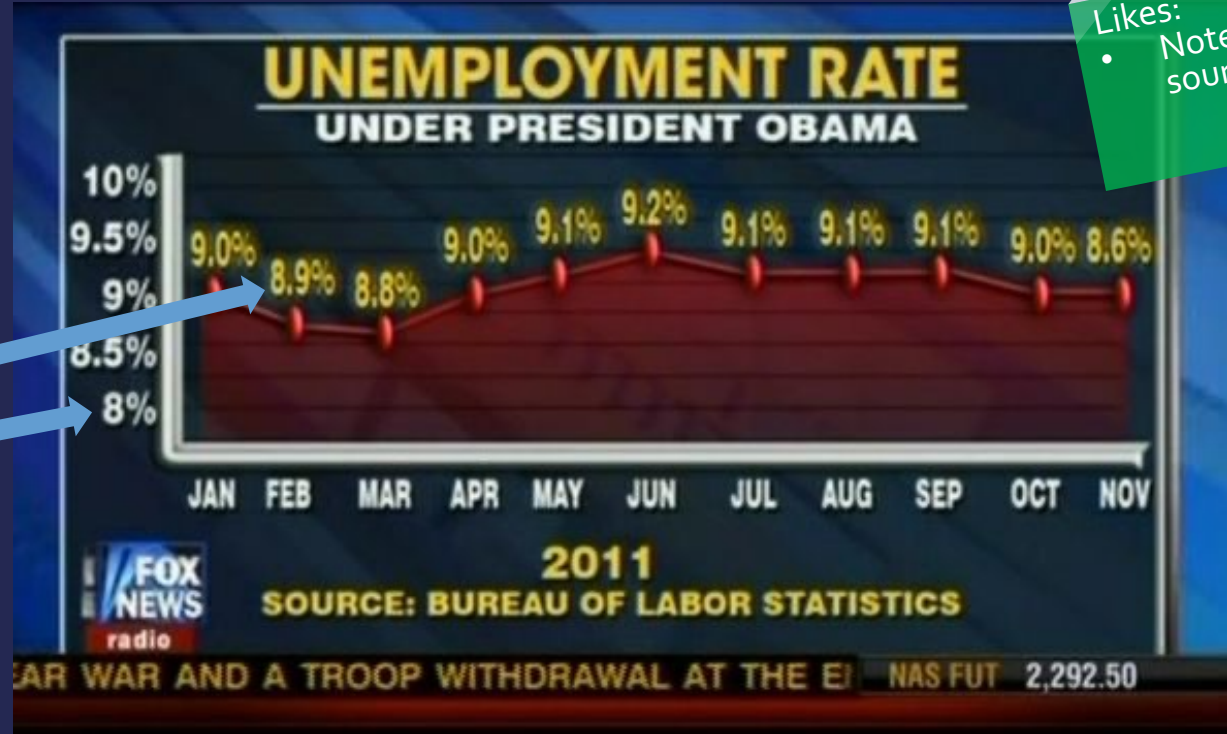
Likes:
• Simplicity



Deceptive Chart Two

02 Deceptive Techniques

- Y-axis starts at 8%
- This graph makes unemployment rate look as a steep dip when it was a small .1% drop
- Employment trended up in Obama administration



Likes:
• Noted the source



Chart Critique One

01 Understand Through Critique

- **Initial thoughts:** Pleasant color scheme, following application process
- **Intent:** Tracking job applications and their result - intent is clear
- **Misleading:** Misleading as to did the candidate or employer reject? The chart is unclear on who rejected.
- **Missing:** Labeling of the 2nd from the bottom labeling, initial applicant pool stem
- **3 Changes:**
 - 1) Font
 - 2) Label all items & add title
 - 3) Distinct color grouping

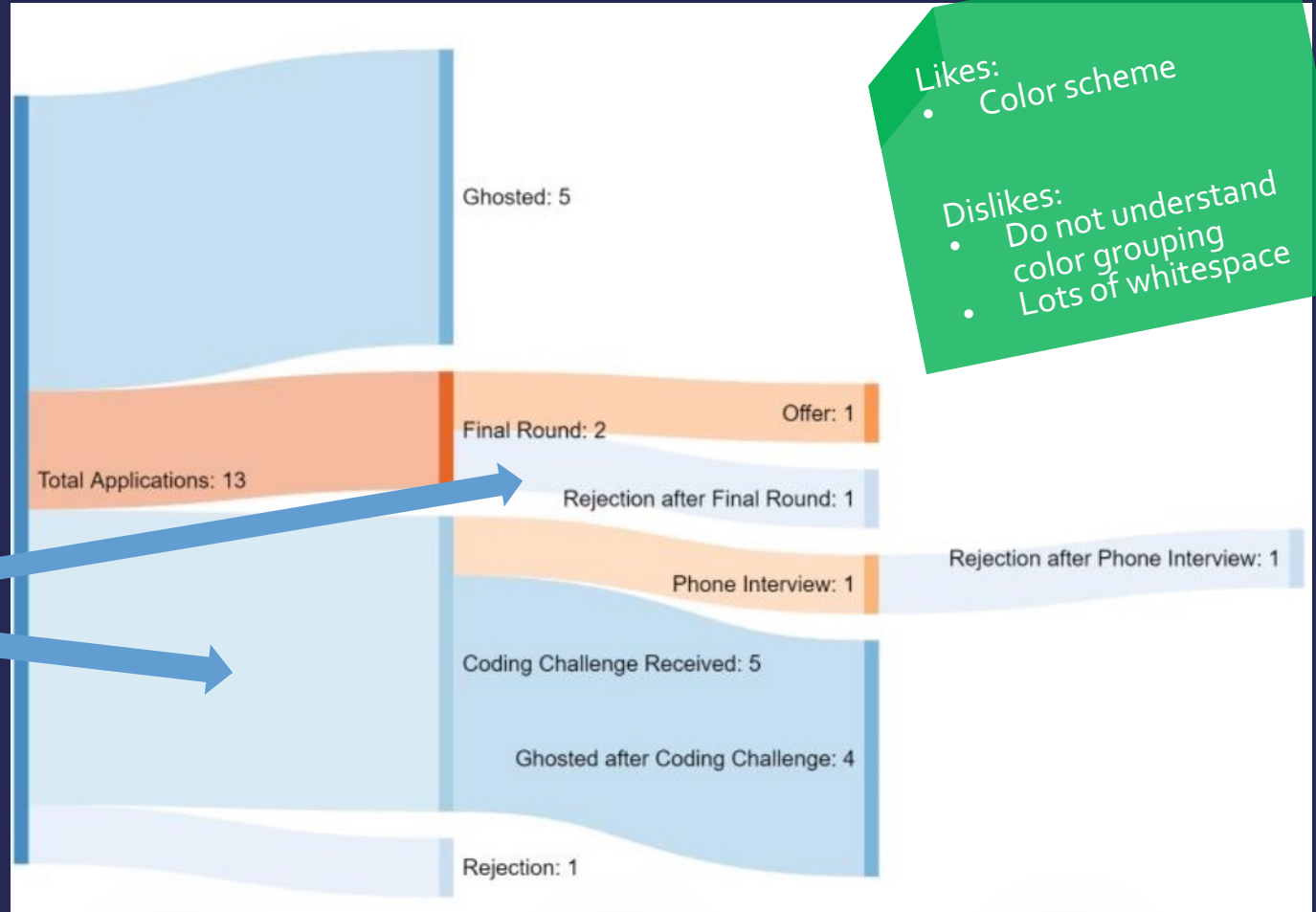


Chart Critique One Sketch

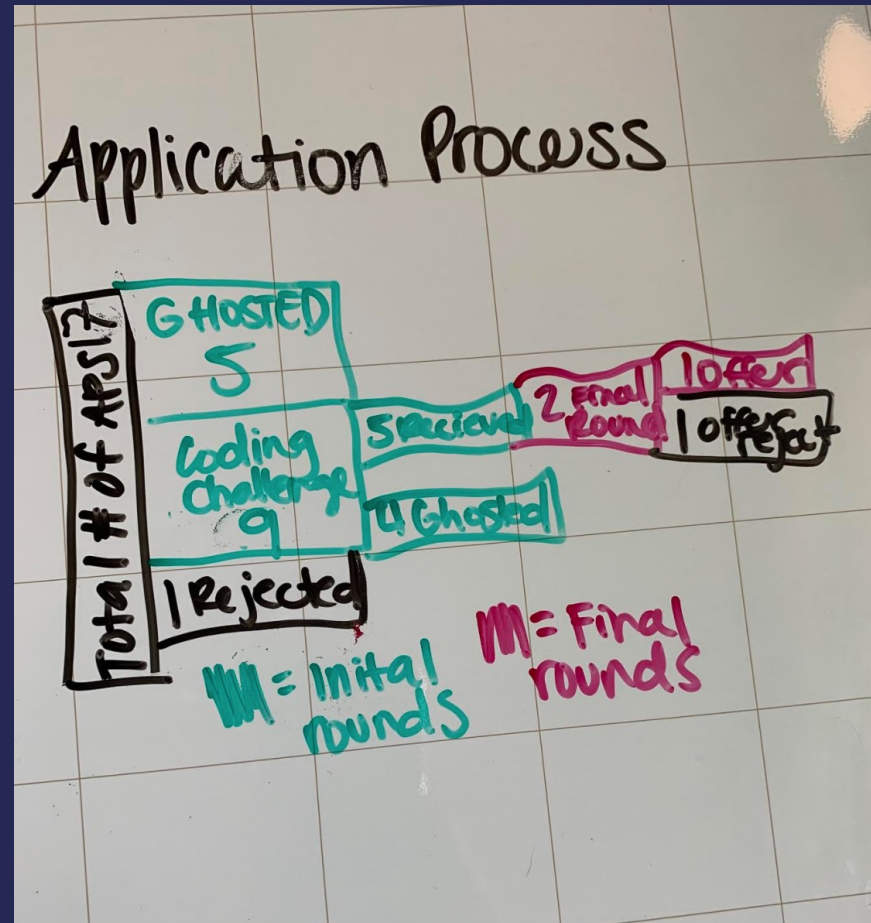


Chart Critique Two

02 Understand Through Critique

- **Initial thoughts:** Title is blatant
- **Intent:** Changing e-market trends – intent is clear
- **Misleading:** 670% and -77 % are huge gaps, wondering if 670% is due to disposable gloves and luggage, -77 is an investment piece (buy once)
- **Missing:** Group category labeling and dates
- **3 Changes:**
 - 1) Modest title size
 - 2) Different color than purple for title and icon
 - 3) Category labeling

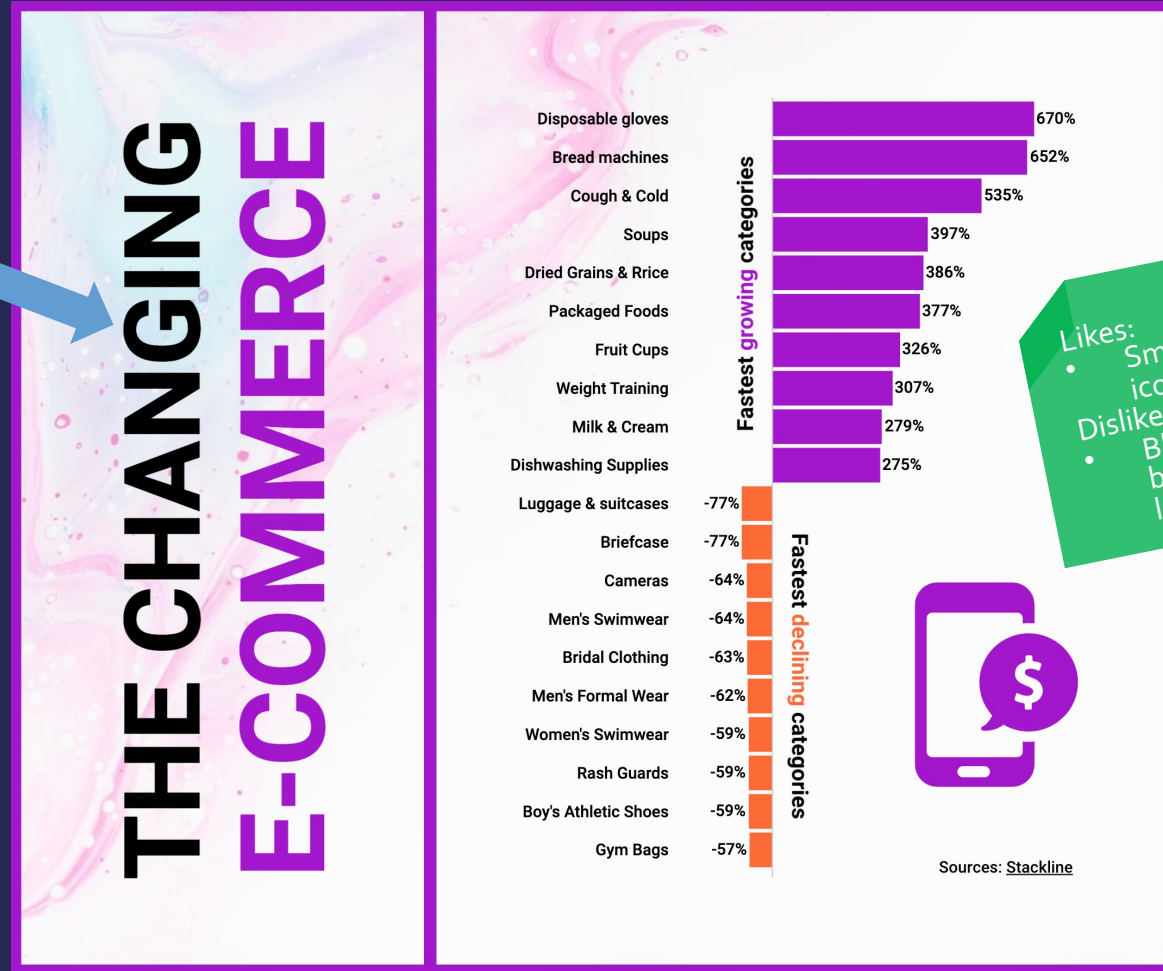


Chart Critique Two – Sketch

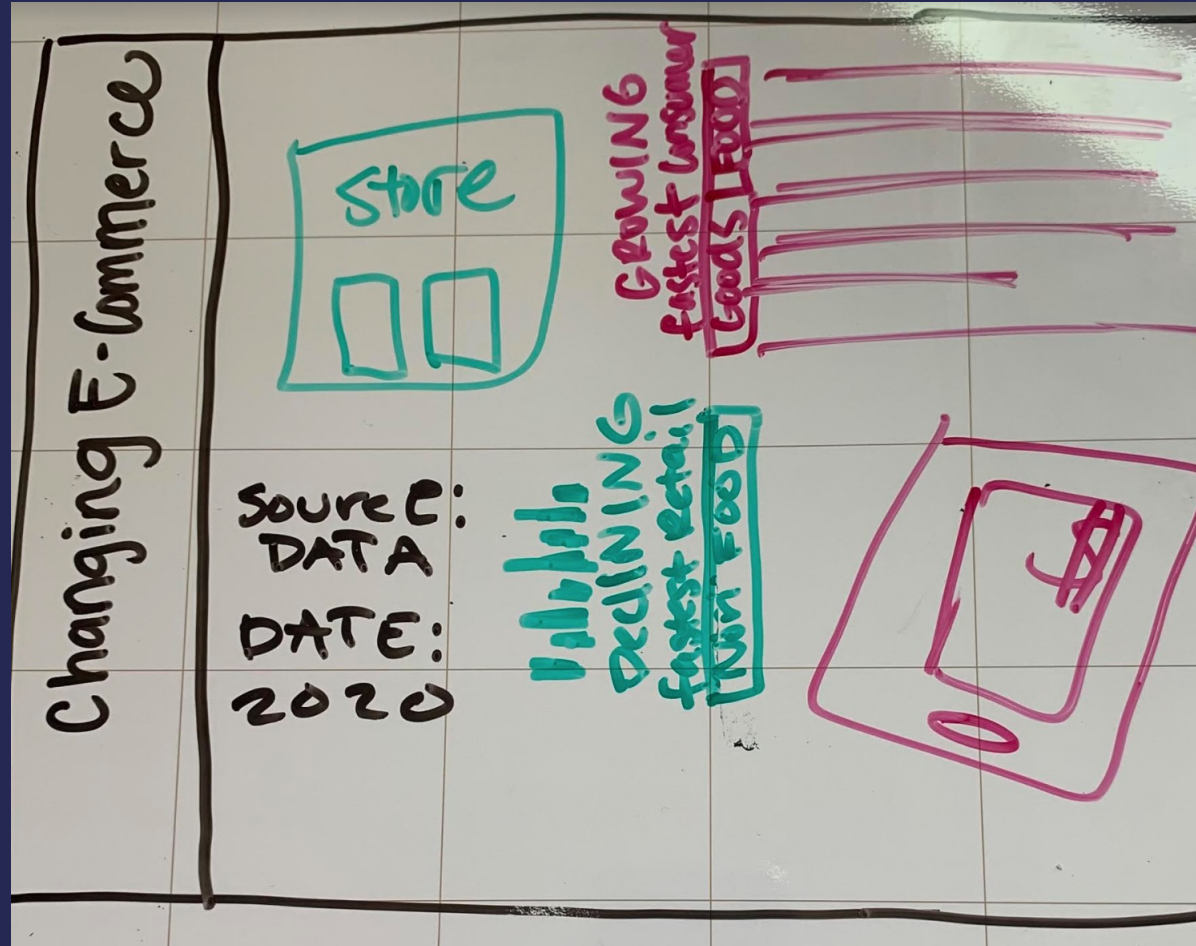
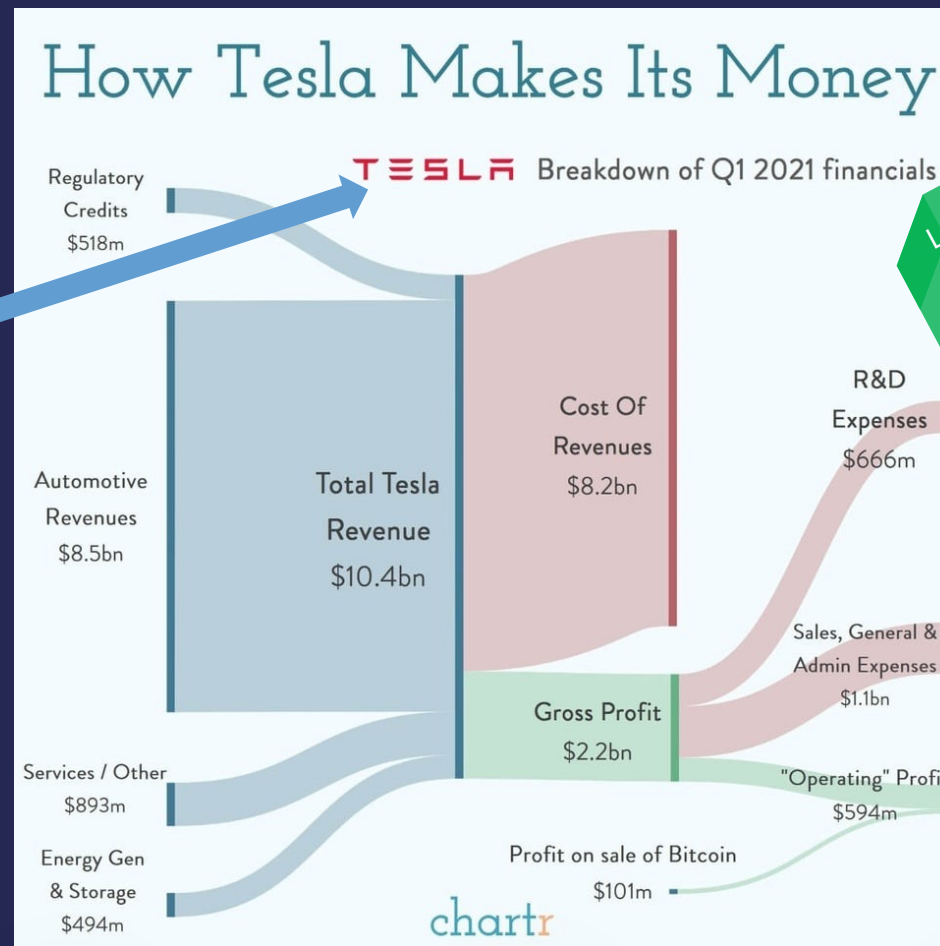


Chart Critique Three

03 Understand Through Critique

- **Initial thoughts:** Revenue costs are high at \$8.2 billion, low margins
- **Intent:** Tesla's Q1 FY21 breakdown – intent is clear in title
- **Misleading:** Would like to understand more of the gross profit and 'operating profit' and why not grouped together
- **Missing:** Would be interesting to also see corporate taxes as Tesla also takes \$518 million regulatory credits
- **3 Changes:**
 - 1) Bolder font
 - 2) Totals total
 - 3) Costs totals



- Likes:
- Red is costs
 - Green is profits
 - Groupings
- Dislikes:
- Missing taxes breakout



Chart Critique Three – Sketch

