



[◀ Return to "Data Foundations" in the classroom](#)

Telling Stories with Data

REVIEW

HISTORY

Meets Specifications

Hello Udacian,

Well done coming up with your insights, they are simple yet very informative. I have attached some suggestions/resources for you to polish your work even more. Keep up the good work and your skills top-notch with Data Visualization 101: How to Choose the Right Chart or Graph for Your Data
<https://blog.hubspot.com/marketing/types-of-graphs-for-data-visualization>

#StaySAFE

Visualization is Explanatory

The visualization centers on a specific, clear finding in the data.

The selected finding is clearly communicated. Design choices foster communication between the reader and the visualization.

Visualization does not add additional colors, shapes, or other design elements in an unnecessary way. Rather, each additional element should add to the insight being made.

Design

The written summary should include a brief description of the visualization and state at least one finding.

A reader's summary of the graphic would closely match the written summary in the writeup, and a reader is able to identify at least one main point or relationship that the graphic attempts to convey.

To reiterate your report should include at least 3 sets of

- Link(s) to your dashboards or story
- Summary: brief description of the visualization and the main story or findings conveyed (please include an insight you are able to make from the visualization)
- Design: explain any design choices you made including changes to the visualization after collecting feedback
- Resources: list of Web sites, books, forums, blog posts, GitHub repositories etc that you referred to or used in this submission (Add N/A if you did not use such resources).

Well done formatting your insights in short points to add some structure to your insights. Rather than having to scan through the whole text for particular info, any interested reader can easily focus on a particular section of each insight you uncovered.

The visualization includes interaction or animation. The inclusion of filters and additional variables shown in tool tip as appropriate within the visualization interaction are present.

At minimum you are required to include a filter in one visualization and you are required to include a tool tip in at least one visualization. You should strive to include these anywhere where they would benefit your visualization.

I like the way you made use of on-screen space. Labels, colors, ... are clear. Your filters help readers answer further questions. However, your map is a little stacked up towards the center. YOU can improve this by stacking them horizontally instead.

Color choices must accurately reflect the data and be chosen with accessibility in mind. For example, values that span from negative to positive numbers should be encoded with a diverging palette. Also, the color palettes should work for colorblindness.

Well done. Your current choice of colors aren't the best, you need to stick with the color palette for color-blind (blue-orange) people should be your choice of preference. Here are some tips in how to Use Color Blind Friendly Palettes to Make Your Charts Accessible <https://www.tableau.com/about/blog/2016/4/examining-data-viz-rules-dont-use-red-green-together-53463>

Line plots for sequences, bar charts for categorical variables, etc.

Completeness

The three visualizations are included. These visualizations may be a single worksheet, but at least one must be a dashboard involving more than one worksheet. A dashboard counts as a single visualization. All visualizations must be clearly connected to a finding, and foster the interaction pieces (filters, colors, etc.) that allow for the finding to be found easily by a user.

One Dashboard is required. A Dashboard is an option in Tableau that allows you to combine multiple charts into one page. This counts as 1 visualization.

Two other unique visualizations are also required, These can be two single worksheets, two more dashboards, two more stories, or any combination of worksheet, dashboard, or story.

Charts are nice, large enough to take advantage of screen space, keep your labels orientated for easy readability.

The visuals need to be saved to Tableau Public and the links to those visuals must be provided in the report along with the finding for each visual.

If you are unable to save to Tableau Public please include screenshots in your pdf report of each visualization. If you choose to use screenshots you should include at least one screenshot of your filters being used (a before and after picture of the visualization).

You provided great links but this formatting might create some issues because of the length. If you're using Word, you can add hyperlinks to text using this tutorial <https://support.office.com/en-us/article/create-or-edit-a-hyperlink-5d8c0804-f998-4143-86b1-1199735e07bf> . This way your report is cleaner and more professional.

The insight(s) should be accurate and easily available from the filters and interactivity available in the visual.

You provided great insights, and detailed enough so that for anyone reading he can get the numbers straight. Here are some tips on how to make proper report presentations <https://piktochart.com/blog/report-presentations-consultants/>

Each visual must be appropriate for the particular data type. However, you cannot submit three bar charts, or three line charts. You should have a minimum of at least three different types of visuals across all of your turned in items.

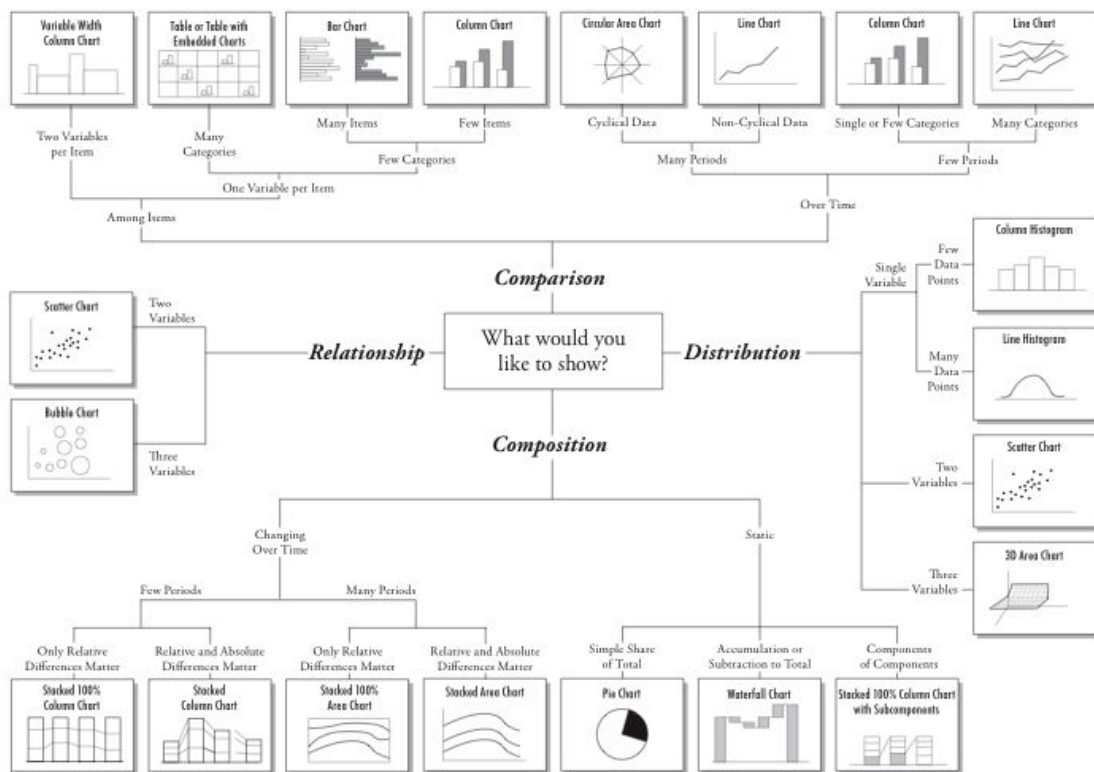
3 Different types of charts required, here are some types you can choose

- Bar Chart
 - Line Chart
 - Scatter Chart
 - Histogram
-
- Bubble Chart
 - Map
 - Area Chart
 - Pie Chart
 - etc

Your visuals were appropriate for each particular use case. Well done. Here are some tips to help you choose the right visuals, all of which are summarized in the image below

- <https://www.datapine.com/blog/how-to-choose-the-right-data-visualization-types/>
- <https://docs.microsoft.com/en-us/power-bi/consumer/end-user-visual-type>

Chart Suggestions—A Thought-Starter



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