

#### < Return to Classroom

# Telling Stories with Data

REVIEW
HISTORY

## **Meets Specifications**

## Congratulations Phyllis 🎉 🎉

**Excellent work!** • Your submission has passed all the rubric of this project.

All the effort you put in to complete the project is appreciated and it was my pleasure reviewing your work.



Data visualization is one of the most valuable skills for data scientists/analysts, So

- Read more about Build a Treemap
- Read more about Line Chart
- Also this link gives a good guideline to use what chart

Wish you all the best in your career 😊

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• The Suggestions are improvements that may help the student to increase knowledge.

## Visualization is Explanatory

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

## Good job

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• You were clear about your findings and the choices you made on each visualization.

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.

#### Well done here

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- All visualizations have titles! Titles are important to ensure we are looking at the right place and quickly assess the data.
- All visualizations fit your insights!
- You have created filters to help the chart-reading.
- Your colors are perfect. They are used properly and they are colorblind-friendly.

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).

Excellent job here!

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Your report includes required sets below:

- You added Link(s)
- You added **summary** of your insights and **explanation of your design** choices.
- You added Resources

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.

#### Well done

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• I went through all your filters.

They all work well and add to the information the viewer gets from the Visualization.

#### **Extra Material:**

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In the real-world, filters are used a lot to dig deeper into data and hence, compare situations. It is used a lot to find anomalies.

• You can learn how to create that using this link

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 choice of colors is colorblind-friendly. 👍

Now every one of your audience can easily see and understand your visualizations.

#### **Extra Material**

ullet Here is an additional reading resource link about this topic ullet

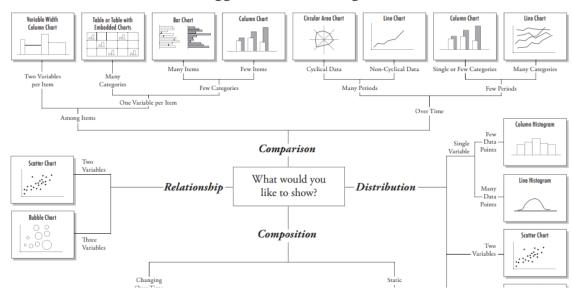
Line plots for sequences, bar charts for categorical variables, etc.

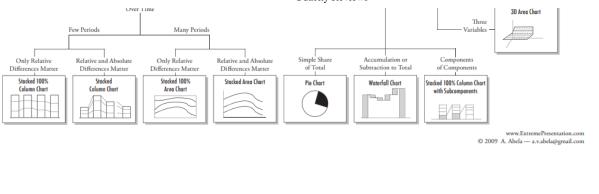
• Your submission meets this criteria . Good job!

here is Chart suggestion based on data

### **Extra Material**

## Chart Suggestions—A Thought-Starter





## 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.

#### Well done

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- You added many unique visualizations
- Two single worksheets
- One single worksheets as dashboards.

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).

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## Good job!

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The three links saved to Tableau Public and worked very well. Good job!.

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

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## Good job!

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• Your submission meets this criteria .

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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

## **Excellent**

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• Different charts are effectively used!

## Extra material

- Read more about Build a Treemap
- Read more about Build a Bubblechart

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