Telling Stories with Data

REVIEW | HISTORY

Meets Specifications

Congratulations!

You have done a great job on the project.

All the requirements are covered.

- You have built perfect visuals, the Bar chart is excellent, the Treemap chart is well-designed, and the Dashboard is perfect.
- All visuals are showing perfect insights, especially with the filters.
- Colors are carefully chosen.
- The written summary is well laid out and has all the required points.

Way of improvement:

There are several points to improve your visualizing techniques like choosing the legends, adding tooltips, removing unnecessary items, etc.

Also adding more filters and tooltips improves the interactivity of the charts.

You should mind the location of each chart and never allow overlapping or empty unorganized spaces.

You can try building stories they are a good option to present your work.

Further reading:

- TABLEAU DASHBOARD DESIGN: 10 BEST PRACTICES
- 10 INCREDIBLY USEFUL ADVANCED TABLEAU TECHNIQUES
- Six Favorite Tableau Tips, Tricks, and Hacks to Enhance Dashboards

Hope you have enjoyed working on the project and good luck with what you have ahead.

Have a great day.

Visualization is Explanatory

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

You have clearly built each visual to explain a specific finding. I also notice that you planned each visual very carefully.

You have done a great job focusing on the visuals showing a specific finding, analysis is showcased well.

Further reading:

- Using Data Visualization to Find Insights in 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.

I can see that you have done a great job on working on presenting all the findings in a clear and concise way. All the elements are well put; good job on the color choice, there is nothing unnecessary.

All visuals clearly foster the understanding of the data and explain the ideas.

- Titles are great.
- All chart types are well decided.
- Nothing is unnecessary in each of the charts.

Further reading:

- Legend in Tableau
- Tableau naming convention

Design

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

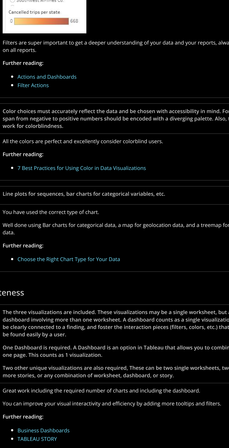
A reader's summary of the graphic would closely match the written summary in the writeup, and a reader is able to identify at least one main point or relationship that the graphic attempts to convey.

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 work on the writing summary.

- Links are there and working fine.
- Comments clearly describe the insights of the visuals.
- Design ideas are excellent.
- Thank you for including the resource links.



Further reading:

- Summarising Data

✓ 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.

Good job including the filter and tooltips on the visuals

Filters are super important to get a deeper understanding of your data and your reports, always make sure to add filters on all reports.

Further reading:

- Actions and Dashboards
- Filter Actions

✓ 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.

All the colors are perfect and excellently consider colorblind users.

Further reading:

- 7 Best Practices for Using Color in Data Visualizations

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

You have used the correct type of chart.

Well done using Bar charts for categorical data, a map for geolocation data, and a treemap for showing the intensity of data.

Further reading:

- Choose the Right Chart Type for Your Data

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.

Great work including the required number of charts and including the dashboard.

You can improve your visual interactivity and efficiency by adding more tooltips and filters.

Further reading:

- Business Dashboards
- TABLEAU STORY

✓ 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).

Visuals are saved and the links are shared and are working fine, Well done!

Further reading:

- Resources of Tableau Public

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

All the insights provided are clear and concise. All the aggregates used in visuals are perfectly set-up.

Filters and interactivity aspects are excellently included. Well done!

Further reading:

- Using Data Visualization to Find Insights in Data

✓ 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

All visuals are appropriately built for presenting the correct data type and are well done including three different types of visuals.

Bar, Map, and Treemap charts are excellent char types to build.

Note:

Most common types of charts and graphs to help communicate data with impact
Bar chart
Line graph
Area graph
Scatter plot
Pie chart
Pictograph
Column chart
Bubble chart

Further reading:

- 10 TYPES OF TABLEAU CHARTS YOU SHOULD BE USING

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