UDACITY

Return to Classroom

DISCUSS ON STUDENT HUB

Telling Stories with Data

REVIEW

HISTORY

Meets Specifications

Dear Student, Excellent submission !!! You have made it !!! Congratulations !!!

Questions are chosen very well and respective analysis and summary also done very well !!! Keep up your good work !!!

Tableau is one of the best data visualisation tools which suits many business needs. If interested, you can download real time data from websites like kaggle.com and try to analyse visually using Tableau Dashboards for your practice and understanding.

As you practice more, you will get to explore more complex data and complex questions using various indepth features of Tableau !!!!

For your reference: https://www.tableau.com/learn/whitepapers/which-chart-or-graph-is-right-for-you

https://www.tableau.com/about/blog/2016/4/examining-data-viz-rules-dont-use-red-green-together-53463

https://www.dummies.com/programming/big-data/big-data-visualization/using-tableau-to-tell-stories-with-your-data/

https://www.dummies.com/programming/big-data/big-data-visualization/how-to-create-a-tableau-dashboard/

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.

Most of the labels and titles are given as per the context. Meet the specification.

Suggestion : Always avoid giving abbreviation instead give full and meaningful name related to the context. For example, here you have given airline abbreviation. You have to give full name of the airlines instead of short form. Otherwise one must have to refer the value of the abbreviation. Any visual must be quick and easy to interpret by anyone.

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).

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.

Filter is included in the dashboard. Here you could also add state and airline filters to make the visual more interactive. Not necessarily you have to restrict with only one filter but can add reasonable number of filters in the visual.

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.

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.

Worksheets and a dashboard are used in the project for analysis. Meet the specification.

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).

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

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

- Bubble Chart
- Map
- Area Chart
- Pie Chart

etc

DOWNLOAD PROJECT

RETURN TO PATH