Requires Changes

7 SPECIFICATIONS REQUIRE CHANGES

Overall, Well Done!!

Major changes are suggested to meet the rubric criteria for the write up sections along with improvising the visuals using better chart types, filters, visual encodings, color, legends etc. Please ensure to include a pdf document of the write up (including links for initial and final version of story) in the next submission.

Please take time to revise, iterate and learn more in depth about data visualization and storytelling using tableau.

I encourage you to look at other student project work on tableau public and learn more about storytelling and data visualization. However, do not plagiarize or copy other students work. Your submission should reflect your authentic learning and project work.

Practice, practice and Practice until you build a strong foundation in the data visualization.
Keep up this learning momentum high.
Always learn with growth positive mindset. It works wonder to achieve more success.
All the best for your future endeavors.

Visualization is Explanatory

The visualization centers on a specific, clear finding in the data.
Well done on the data analysis and data visualization!!
You've decided to focus very specifically on the relationship between survival rate (Mortality status) and the other factors featured in this dataset.
You've done a good job with starting a story with an introduction on the context. I suggest instead of writing a long introduction (1st page on titanic), write in just few sentences to introduce about the titanic data set and set the context. May be in the end of story, add a concluding page to summarize your key messages from the data visualization story.
In the comments below, I am going to point out some areas where you can improve on what you've put together so far, but well done on initial sketch of the presentation.

1. ☑ Changed to Survival Status. The story title - "Titanic Survival Feature Analysis", whereas the variables is described as "mortality status" in the visual story. This is somewhat not clear for the first time viewer of the presentation, who does not have any idea about the data set. You can better use "Survival Status" as variable name and axis labels instead of "mortality status" to present your story.
2. ☑ Changed to Perished/Survived. The current Values [0, 1] as mortality status is not helping to foster better communication for the reader of the plots. Provide a better axis labels. Maybe you can define axis for 0 as "Died" and 1 for "Survived".
3. In the second slide of story:
    a. ☑ Removed. I suggest you to either remove the data set and just keeps plots. Or, place the dataset at the bottom and bar plots on top of the story page. Main aim of storytelling is to help reader learn from visualization rather than having a view of the records from the data set.
    b. In the bar plot
        i. ☑ Changed to percentage. Either use percentage or counts, then display value labels accordingly. It is not a good data visualization practice to represent axis as counts and label value as percentage (%) terms.

        ii. ☑ Changed the y-axis label from Passenger to Passenger Count to reflect units. Similarly, improve the plots in the other slide pages, make sure the y axis units and label data values in units (on bar plots and any other plots) match.
    c. Revise the data to ink ratio concept and try to produce clutter free plots that are easy to read and interpret for the viewers.
4. ☑ Resolved, legends have been added. Add proper legends on the plots to present the color code for survived and died passenger.
5. ☑ Resolved, this slide has been reworked. Slide (3) The Age bin histogram or bar plots with no legends does not help the reader to understand what message is being conveyed through the visuals. I suggest you either plot the full age bins without any category or stacked bars. Or, create two separate histogram distribution of Age bins for each category as survived or died.
6. Bring uniformity in the visual. Resize your plots area, bar heights in the story pages.
7. ☑ Resolved, new labels have been added. In the last page, the use of filter with 0 and 1 values are not clear. Better labelled 0 for died and 1 for survived.
8. ☑ These slides have been reworked with stacked bars and Age Group instead of Age Bins. Once again, Age bins/Gender plot is cluttered, Better way to visualize the distribution is with separate histograms with for Male and Female.
9. ☑ Max of two visualizations per page. Most Important: Present Visual plots with one or max two key messages or insights per slide page.
10. ☑ Better captions, titles and axis labels have been added. I encourage you to think about creating better captions, titles and axis labels.
    a. Writing short, easy to eye captions text that helps reader to interpret information quickly. You can also, write the key message on the caption to present your findings or write/ask an interesting question on caption to generate curiosity in the mind of the reader.

It's always better to provide titles in each plot. It adds value for the reader to understand the context of data story.

Similarly, try using axis labels without abbreviation and provide units in the axis [e.g. % or counts]
I encourage you to practice more and give importance to plot fringe features (axis labels, titles, captions, legends etc.) while creating your visuals story.

1. Practice other chart types like histogram, boxplots, scatter plots to explore data for more insights generation for the story.

The selected finding is clearly communicated. Design choices foster communication between the reader and the visualization.
This specification is tied to above feedback point as well. Please take time to revise and improve your visualization for better communication between the reader and the visualization.

Design

A reader's summary of the graphic would closely match the written summary in the write-up, or a reader would identify at least one main point or relationship that the graphic attempts to convey.
You have provided some text intro in the summary section in your .md file.
I suggest you to better create a pdf document for your write up section and write clear information for each of sub section - Summary, Design, Feedback and References.

In the summary section, mention about the visual story and an explanatory findings. Your summary of the graphic or visual story should closely match the written summary in the write up, or the reader should identify at least one main point or relationship that the presentation attempts to convey.

Make sure you read the rubric guideline before making the next submission.

The visualization includes interaction or animation. The interaction or animation may be simple, such as a hover, tooltip, or transition. Interaction or animation enhances understanding of the data.

1. Cool!! Thanks for applying an interactive feature like filter in the plot. But try to ensure it adds value for the reader.
    a. Refer to feedback (Point No. 7) on the 1st specification to improve the visualization.
2. The data values hovering feature in tableau is by default. But looks good for readers to interact with visuals data points. I suggest try practicing or using other advance features such tooltips, slider in your plot visuals to enhance the data story.
    a. Filters, sliders and other interactive or animated features adds value for the reader of the plot and gives opportunity to explore the dataset and find more insights.
3. It will be good to test the visual presentation compatibility over different device types.
    a. Just a tip: Tableau provides a very good feature test the visual compatibility over device types such as mobile, desktop, laptop etc. You can choose "automatic" to resize plots to make it compatible to all device types.

Initial design decisions such as chart type, visual encodings, layout, legends, or hierarchy are included at the beginning of the Design section in the write-up.
Nice work!!

1. I suggest you to also include your thought process behind design choice decisions for various chart types, visual encoding, layout, legends, captions or use of interactive features such as filter used in the plots.
2. Think and write about what made you to use different chart types in your story and the reason for it.
    a. For example, you can write as: I choose bar plot to visualize the different Survival counts across Gender because bar plot are helpful to compare categories with count or frequency information.
    b. Provide reasoning behind your decisions rather than just a statement of what you did for visual presentation of data.
3. I suggest you to always thoroughly read the rubric guidelines before making project submission. Validate and Perform double checks to ensure your work meet all the project specifications as per the rubric criteria.

Feedback

Feedback has been collected from at least one person throughout the process of creating the data visualization. The feedback is documented in the Feedback section of the write-up.

1. No feedback has been included. Please take time to collect and document each feedback in the feedback section. You can also use feedback given on the first specification and document it in your write up.
2. Please take the time to ask for additional feedback from a friend, family member, colleague or acquaintance. Look for someone willing to give you extensive and honest feedback that will help push you to improve on your work.
3. Feedback are best ways to know about the gaps in the learning process. Use each feedback to improve your skills and built a strong foundation on data analysis. Practice more and keep improving your data story skills with feedback from others.

The project includes evidence that the visualization has been improved since the first sketch or the first coded version of the visualization. All of the feedback is listed in the Feedback section of the write-up. Most design choices and changes are accounted for in the Design section of the write-up. If no changes were made to the visualization after gathering feedback, this decision is explained.

1. This specification is tied to previous feedback given above. Please provide two separate links for initial and final version of the work on data visualization using tableau.
2. Your project work must include evidence that the visualization has been improved since the first sketch or the first coded version of the visualization.
3. List all feedback in the Feedback section of the write-up.
4. Make sure most design choices and changes (post feedback changes) are explained and accounted for in the Design section of the write-up. If no changes were made to the visualization after gathering feedback, this decision is explained.
5. Your write up must show how you have improved your work using the feedback received from initial sketch. There should be multiple versions of their story.