UDACITY

Logo

PROJECT

# Make Effective Data Visualization

A part of the Data Analyst Nanodegree Program

PROJECT REVIEW | CODE REVIEW 2 | NOTES

## Meets Specifications

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I am glad to see such good project. Even static chart with one outcome is enough to pass, however, you implemented great narrative, provided various outcomes and exploratory possibilities. Only such advanced efforts make your skills really strong. Carry on!

## Code Structure and Functionality

✓ **The visualization renders and any interactions or animations work as the reader interacts with the visualization.**

Everything renders and works fine. Good job!

✓ **Large code chunks are commented and all complex code is adequately explained with comments. Comments are not overused to explain obvious code.**

The code is perfectly commented. All main parts are described, however, not overwhelmed with the comments. Well done!

✓ **The code uses formatting techniques in a consistent and effective manner to improve code readability.**

The code formatting is almost great. The only issue with indentation (please refer "code review" section)

## Visualization is Explanatory

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

Explanatory part of the project is well implemented. I am glad to see you explored the data from the different viewpoints and found the great outcomes.

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

Design choices are great. I like in particular:

- Bars choosing - great solution for such type of data
- Good colors for perished and survivals
- Header that catches the viewer attention
- Introduction text and outcomes are provided on the project page - it makes the project more comfortable for the readers

The only one minor design issue I see: when I click on the "next" button it jumps on the layout. Such behavior can confuse some users. Anyway, let's do not consider it as a blocker

as the whole project is great.

## Design

✓ A reader's summary of the graphic would closely match the written summary in the README.md file, or a reader would identify at least 1 main point or relationship that the graphic attempts to convey.

✓ 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.

Switching buttons and tooltips are available.

✓ Initial design decisions such as chart type, visual encodings, layout, legends, or hierarchy are included at the beginning of the Design section in the README.md file.

Detailed design section is provided

## Feedback and Iteration

✓ Feedback has been collected from at least three people throughout the process of creating the data visualization. The feedback is documented in the Feedback section of the README.md file.

✓ 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 README.md file. Most design choices and changes are accounted for in the Design section of the README.md file. If no changes were made to the visualization after gathering feedback, this decision is explained.

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2 CODE REVIEW COMMENTS ›

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