UDACITY

PROJECT SPECIFICATION

Make Effective Data Visualization

Code Structure and Functionality

CRITERIA	MEETS SPECIFICATIONS
Does the visualization work?	The visualization renders and any interactions or animations work as the reader interacts with the visualization.
Is the code in `index.html` and other Javascript code commented in a way that is useful and not excessive?	Large code chunks are commented and all complex code is adequately explained with comments. Comments are not overused to explain obvious code.
Does the project code use formatting techniques (indents, spaces, line breaks, etc...) to improve readability? (Refer to Google's Style	The code uses formatting techniques in a consistent and effective manner to improve code readability.

Visualization is Explanatory

CRITERIA	MEETS SPECIFICATIONS
Does the visualization have a clear finding?	The visualization centers on a specific, clear finding in the data.
Does the visualization focus on its finding?	The selected finding is clearly communicated. Design choices foster communication between the reader and the visualization.

Design

CRITERIA	MEETS SPECIFICATIONS
Does the written summary reflect what a reader would interpret from the graphic?	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.
Does the data visualization	The visualization includes interaction or animation. The interaction or animation may be simple, such as a hover,

incorporate interaction or animation?	tooltip, or transition. Interaction or animation enhances understanding of the data.
Are initial design decisions documented?	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.

Feedback and Iteration

CRITERIA	MEETS SPECIFICATIONS
Has feedback been collected after sharing the initial visualization? *We encourage you to collect feedback from the first sketch to the final visualization.*	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.
Has feedback been used to improve and iterate on the visualization? If not, does the project explain why the design of the visualization	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.

did not
change?

Suggestions to Make Your Project Stand Out!

- Incorporate more advanced visualization methods in d3 or dimple. These should enhance the reader's ability to understand the data and interact with the graphic.
- Collect and include rich feedback such as screenshots with annotations, audio files, videos of walkthroughs, discussion forum links, or images of sketches with handwritten comments.
- Ask more than three people what they think of the visualisation and reflect on all of the feedback you receive.
- Explain the reasoning behind every initial design choice and every change you made. Reflect on the visualization development process.

English   ▾

Student FAQ