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Communicate Data Findings


REVIEW

CODE REVIEW

HISTORY

Meets Specifications

Congratulations, Great work for this project submission, you took a lot of variables from the dataset and did an excellent job of systematically exploring them and coming up with some interesting findings. Follow the instructions available to you in [Career Resource Center](#) to know how to build a [portfolio to showcase your projects](#).

Best of luck in your future endeavors 

Code Quality



All code is functional (i.e. no errors are thrown by the code). Warnings are okay, as long as they are not a result of poor coding practices.



The project uses functions and loops where possible to reduce repetitive code. Comments and docstrings are used as needed to document code functionality.

Exploratory Data Analysis



The project (Parts I alone) contains at least 15 visualizations distributed over univariate, bivariate, and multivariate plots to explore many relationships in the data set. Reasoning is used to justify the flow of the exploration.



Questions and observations are placed regularly throughout the report, after each plot or set of related plots.

Tip: Use the ""Question-Visualization-Observations"" framework throughout the exploration.

Tip: For the Part I notebook, use *File > Download as... > HTML or PDF* menu option to generate the HTML/PDF.



"Visualizations made in the project depict the data in an appropriate manner that allows plots to be readily interpreted. This includes choice of appropriate plot type, data encodings, transformations, and formatting (title, axis-labels) as needed.

Tip: Do not overplot or incorrectly plot ordinal data."

Explanatory Data Analysis



The README.md must include a summary of main findings that reflects on the steps taken during the data exploration. It should also describes the key insights that are conveyed by the explanatory presentation.

Tip: The README.md summary is based on the exploration report (Part I notebook) and will guide your explanatory slide deck (Part II notebook) .



- A slideshow (HTML file) is provided, with at least 3 visualizations, to convey key insights. Only selective plots are added to the slideshow from the exploratory analysis.
- The total number of visualizations in the slideshow is less than 50% of the number of visualizations in the exploratory analysis. For example, if the exploratory analysis (Part I) has 18 visualizations, the slideshow can have (3 - 8) visualizations.
- The key insights in the slideshow match those documented in the README.md summary.
- Each visualization in the slideshow is associated with comments that accurately depict their purpose and observation.

Tip: For Part II notebook, use the `jupyter nbconvert` command to generate the HTML slide show.

A slideshow is provided with more than three visualizations used in the presentation to convey key insights. Each visualization is associated with comments that accurately depict its purpose. Great Work!



All plots in the slideshow are appropriate, meaning the plot type, encodings, and transformations are suitable to the underlying data.

All plots in the slideshow are polished, meaning all plots have a title with labeled axes and legends. Labels include units as needed. In other words, each plot must have - chart title, x/y axis label (with units), x/y ticks, and legend.

The plots that are included in the presentation have sufficient levels of information, including proper titles, labelled axes, and legends.

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