Communicate Data Findings

REVIEW | CODE REVIEW | HISTORY

Meets Specifications

Congratulations 👏🎉 You passed this Project, that too on your first attempt. I hope you had great experience doing this project and will continue this Nanodegree and take more Nanodegrees in the future. I have provided a few tips for further improving upon this project.

Moreover, Great work so far! You took a lot of variables from the dataset and did an excellent job of systematically exploring it and coming up with some interesting findings.

Good luck for future endeveours 👍🏽

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 code is functional, nothing to worry to about.

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

Comments were used sparingly, but were useful where they were made. There were enough Markdown cells to keep track of what was happening, though it might have been good to have used functions and docstrings to reduce repetitive code.

Exploratory Data Analysis

The project appropriately uses univariate, bivariate, and multivariate plots to explore many relationships in the data set. Reasoning is used to justify the flow of the exploration.

Great job, you used univariate, bivariate, and multivariate plots to explore relationship in the dataset! Their usages were logical and well-made.

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

As noted above, you did a good job adding Markdown cells after every few plots.

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 labels as needed.

Appropriate plots, labels
and data were used to interpret correlations and for exploratory analysis.

Explanatory Data Analysis

A section in the submitted materials includes a summary of main findings that reflects on the steps taken during the data exploration. The section also describes the key insights that are conveyed by the explanatory presentation.

The readme file does a good job of explaining the findings that went into the exploratory analysis and slide deck.

A slideshow is provided, with at least three visualizations used in the presentation to convey key insights. These key insights match those documented in the summary. Each visualization is associated with comments that accurately depict their purpose.

The visualizations chosen and the key insights conveyed are well-connected to the findings from the exploration.

All plots in the presentation have an appropriate title with labeled axes and legends. Labels include units as needed. Plot type, encodings, and transformations are all appropriate.

Good job making clean and easy to understand plots.

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