Communicate Data Findings

REVIEW

CODE REVIEW 1

HISTORY

Meets Specifications

Congratulations 🎓

This is a fantastic and exceptional submission and you've passed this project 🎉🎉🎉

You seem to be an advanced student, I can say this is one of the best final projects I've ever reviewed, You did a huge work cleaning and analyzing your dataset, I can see it. You've mastered all the concepts of the data analysis and it is clear from your submission that you'll be a great data analyst ⭐⭐⭐⭐⭐

As you've completed the Nanodegree, I advise with the following:
1- start creating your portfolio and add all the projects you've completed to it. Employers always want to know what actually you can build.
2- Start joining competitions at Kaggle, This will enhance your technical skills too much (https://www.kaggle.com/competitions)
3- Always get feedback, Feedbacks are always useful, Try to communicate your work with coworkers and friends and get their feedback.
4- Start creating a reputation, Learn more and spread more, Try to record some videos, write some articles and share it on LinkedIn and your networks.
5- Get engaged in continuous learning and educate those around you
6- Don't ever (NEVER EVER!) stop learning. There will always be something worth reading, viewing, listening to or improving.
7- Network, Attend data science events, online webinars, contact people with the same interest, Your network is your

key.
Keep up the good work, And the great passion that is clear from your code :)

Be a lifelong learner. Stay Udacious and All the best!

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.

Well done! 👍 All the code runs without errors.

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

I like your code structure, The code is very clear, Also you've included comments when needed, Well done 🌟, Writing comments is important as writing code,

Please check these articles talking more about the importance and best practices of writing comments:
https://realpython.com/lessons/importance-writing-good-code-comments/
https://blog.codinghorror.com/code-tells-you-how-comments-tell-you-why/
https://medium.freecodecamp.org/code-comments-the-good-the-bad-and-the-ugly-be9cc65fbf83

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.

A very nice job with the exploratory data analysis 🌟! The use of univariate, bivariate, and multivariate plots to explore many relationships in the data set are very good. Also, the reasoning is used to justify the flow of exploration. After each plot or related set of plots, usually, a markdown cell describing what you observed from the preceding plots is correctly included. Well done!

Also, I suggest you to try using heatmap and pairplot to explore the direct relationship between the variables, Please check the URLs below:
https://seaborn.pydata.org/generated/seaborn.heatmap.html
https://seaborn.pydata.org/generated/seaborn.pairplot.html

Also, you can try more plot types from here
https://seaborn.pydata.org/examples/index.html

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

The flow of the exploration is always documented in a clear manner, with interesting questions and observations. Well done!
I was able to understand why you're using every plot and what is your observations 👍

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.

👍 Awesome, You have completely polished all your plots. Appropriate plots, labels, title, and data were used to interpret correlations and for exploratory analysis. You've used a variety of plots to analyze your dataset.

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 dataset and an overview 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 have 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.

Awesome work! I like the slide you've created, All the plots are labeled and titled and you've included the units when needed, Good job making clean and easy to understand plots.

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1 CODE REVIEW COMMENTS ›

RETURN TO PATH

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