



[Return to "Data Scientist Nanodegree" in the classroom](#)

Write a Data Science Blog Post

REVIEW

HISTORY

Meets Specifications

Great Work!!

Congratulations on completing the project 🎉

- Great analysis and you have chosen a nice topic to explore too! Your project proves that you have a good understanding of Data Science
- I certainly enjoyed walking through your code. It's very clean and I can clearly see the effort that has been put into this.
- Hopefully I will see some more informative posts from you in future

Good Luck in your Data Science journey, keep learning. 😊

Code Functionality and Readability

All the project code is contained in a Jupyter notebook, which demonstrates successful execution and output of the code.

- Your code is neat and easy to understand 🎉

...code is most easy to understand 🙌

Code has easy-to-follow logical structure. The code uses comments effectively and/or Notebook Markdown cells correctly. The steps of the data science process (gather, assess, clean, analyze, model, visualize) are clearly identified with comments or Markdown cells, as well. The naming for variables and functions should be according to PEP8 style guide.

- Nice job shifting all importing into one cell. This is just good practice and helps one to go through the project dependencies in one go.
- Here is the link for reference of the pep 8 guidelines: <https://www.python.org/dev/peps/pep-0008/>, <https://www.youtube.com/watch?v=Sm0wwmEwqpl>

Code is well documented and uses functions and classes as necessary. All functions include document strings. DRY principles are implemented.

- Great Job here in including `doc string` for functions
- You have used markdown cells nicely where required 🙌
- Checkout this link for more info on `DRY` principals

Data

Project follows the CRISP-DM process outlined for questions through communication. This can be done in the README or the notebook. If a question does not require machine learning, descriptive or inferential statistics should be used to create a compelling answer to a particular question.

- Nice job with the CRISP-DM process

Categorical variables are handled appropriately for machine learning models (if models are created). Missing values are also handled appropriately for both descriptive and ML techniques. Document why a particular approach was used, and why it was appropriate for a particular situation.

- You have not discussed what you have done with missing values, I suggest you make a section related to missing values
- Check out this [link](#) on missing values!!

Analysis, Modeling, Visualization

There are between 3-5 questions asked, related to the business or real-world context of the data. Each question is answered with an appropriate visualization, table, or statistic.

- Nice job with your questions! These are interesting questions, and you did a great job of showing clean visualizations for each and presented your ideas in a clear succinct way.

Github Repository

Student must have a Github repository of their project. The repository must have a README.md file that communicates the libraries used, the motivation for the project, the files in the repository with a small description of each, a summary of the results of the analysis, and necessary acknowledgements. Students should not use another student's code to complete the project, but they may use other references on the web including StackOverflow and Kaggle to complete the project.

- Nice job posting your code to Github. Your README looks great! It clearly lays out the installation, project motivation, file descriptions and results.
- You could improve the readme by providing more details about each file and the technical pieces on the README. You might also show more of the results and discuss the motivation in more detail and using visuals.

Blog Post

Student must have a blog post on a platform of their own choice (can be on their website, a Medium post or Github blog post). Student must communicate their results clearly. The post should not dive into technical details or difficulties of the analysis - this should be saved for Github. The post should be understandable for non-technical people from many fields.

- Nice Work here, Your post clearly communicates findings to non-technical stakeholders. You did a good job of providing a clear structure from the intro, the three questions of interest, and a summary
- Check out these tips for writing [blogs](#)

Student must have a title and image to draw readers to their post.

- Nice job with the title and image. I definitely would click! 🙌

There are no long, ongoing blocks of text without line breaks or images for separation anywhere in the post.

- Nice job here as well!!

Each question is answered with a clear visual, table, or statistic that provides how the data supports or disagrees with some hypothesis that could be formed by each question of interest.

- Nice to see the visuals after each question of interest!! 🙌
- Awesome job here! It was definitely a good idea to include a short version of answers in the summary too.

RETURN TO PATH

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