Find weaknesses in dashboard document findings

I confirm that the below has been completed.

Week 1:

Repository set up with branches.

Simple machine learning model made

Mockup ERD and Database created and integrated with python

Technologies listed ---needs to be updated

Week 2:

Mockup transformed to functioning machine learning model

There needs to be a description of the model as well as any preprocessing that was involved.

One question: If you had more time, where would you like to investigate for finer tuning? Keep this in mind as the presentation is being put together since it could be a really strong talking point.

How does it work?

Why this specific model?

What is the model's accuracy?

If there are statistics involved, what stats are being included in analysis and why?

If no statistics are involved, what would you include if you had more time?

Database Integrated

Create visuals to accompany the data story.

Outline and begin work on a dashboard to house your final project. Check and test the work completed against the rubric.

Database integration

Does interact with the database

Three tables in database

Tables joined

Connection string established

Refine analysis

generating at least three images to use in the presentation

Dashboard

Create a storyboard of a dashboard that will be used to display your data findings. It will also need to include interaction—something more sophisticated than a tooltip.

Week 3: Continue to develop and refine the code for your analysis.

Square: Complete peer reviews on the code.

Add files to gitignore

you've undoubtedly used different packages while writing your code. Including a requirements.txt file that lets anyone who isn't part of the team know which packages and libraries they would need to successfully run your code pip freeze > requirements.txt

Triangle: Create a draft presentation to share with your class.

Project topic and reason it was selected

Description of your data and where it was sourced

Questions you intend to answer with the data

Description of the data exploration your team conducted

Description of the analysis conducted on the data

Recount of the different technologies, tools, languages, and algorithms used throughout the project

Make sure everyone is aware of the section they'll present.

Circle: Create a dashboard to display your findings.

Start converting it from Google Slides to the actual interactive dashboard that a team member will demonstrate during the final presentation.

Consider the maps, charts, or images created during analysis—which of this best lends strength to the story? Which ones have the most clarity?

So, once a storyboard is ready to be converted into a dashboard, use tools such as JavaScript, Tableau, or another visualization library. Make sure the design is clean, concise, and easy to follow. Data from the machine learning aspect will also need to be incorporated as well.

X: Perform a quality assurance check on project deliverables against rubric requirements.

Week 4

Team: Practice presenting your portion of the presentation. Tie up any loose ends related to the project (analysis, machine learning, dashboard, etc.).

Square: Final updates to the README.md on the project repository (make sure there is a description of the project, explain why this topic was chosen, include images from the analysis, and the conclusion)—make the repository portfolio-ready.

When a link to this repository is added to a portfolio, the README is the first thing that other people will see. So, explain the topic and steps you took to complete analysis. Take the time to point out interesting code. Add the conclusion and observations.

Circle: Ensure all applicable PRs are merged in (includes finishing up peer reviews and merging branches). Conduct final editorial review (clean up code to meet coding guidelines, check for typos, clarity, etc.).

make sure the repository has been tidied so that only the relevant files are within (make use of that .gitignore if you need to)

check for typos and clarity in any documentation.

Triangle: Final touches on visual aspects with the presentation and dashboard. Make sure the images tell the story cleanly and clearly.

X: Review the rubric and ensure the project meets the requirements, and test the code.