CLASSIFICATION PREDICT REPORT

Presentation

In Presentation 4, the feedback highlights that while the introduction to the team was deemed too long, the introduction to the company and the problem was well explained, effectively conveying the power of consumer sentiment. The approach was well explained, and the data insights section included relevant observations and insights. The model deployment was well explained, with visually attractive slides containing all necessary information. The application was well described, and a good example was provided to demonstrate its usage. The conclusion would benefit from clearer performance metrics to build trust and confidence in the viewers, as well as reassurance about the model and its performance. Overall, the presentation had strong points in several sections but could be improved by shortening the team introduction, labeling the graphs, and providing clearer performance metrics.

"WHAT WENT WELL:
- Your slides were well put together.
- Your introduction set the scene perfectly and it also helped to give us an understanding of the problem that you were solving for.
- You explained your insights well and you made some interesting observations on the data.
- I liked the consistency of the solution, you showcased the app well and you also allowed us to get an understanding of the why and what the app is.
- All the speakers came with the right energy and I also liked the way you transitioned from one speaker to the next.
- Good explanation of the use of such a model and approach. You gave your insights well and I wish you could have spent a little more time doing that.

ROOM FOR IMPROVEMENT:
- The demo or the app is the star of the show. You need to connect the dots for us as to why the app is what you said in your presentation.
- I think there was a missing thread and it could be linked to the fact that the demo was shared after a long build up and then the conclusion of the presentation is not linked to the app. The conclusion was linked to how this approach can be used in a variety of ways and scenarios and not to the problem that the app was trying to solve. You wandered off into the distance with how you can use the app in a couple of ways and not focused on the problem of being pro,anti and neutral on the topic of climate change. Don't lose sight of the goal which is why you built this app.
- Word clouds without meaning or interpretation really don't help us get what you are trying to say about the words in them. Also word clouds as a visual really don't add much to what the product is.
- You started the presentation with a a visual of being around since the 1980's? But you didn't let us know why this is important. I was left still wondering what the long history of the company fits in. I was left with that question in the back of my mind and that distracted me from listening to you with the confidence that such a long history in data analysis deserves. Please fill me with confidence in you and your product.
- The app has a specific problem it is trying to solve. What I would like is for you to not lose sight of that ever. The app solves this problem and we know because we looked at the problem and saw these insights and because of those insights we built this model and we have confidence in this model because of these factors and this model powers the app and we know that whatever the app doesn't answer now are new problems. Your solution to the problem is the star if your solution is an app then that is what you are selling in the presentation."

Notebook

"The notebook provided is well-structured, with a clear introduction and conclusion section. The Exploratory Data Analysis (EDA) section is comprehensive and provides sufficient insights into the dataset. The visualizations and analysis help in understanding the data and identifying patterns.

The introduction effectively sets the context for the problem and the dataset, giving the reader a clear understanding of the project's goals. The EDA section demonstrates a thorough exploration of the data, showcasing various graphs, charts, and statistical summaries. The insights gained from the EDA provide a solid foundation for subsequent steps in the analysis.

However, one area that could be improved is the explanation of the models used. While the notebook briefly mentions the use of multiple models, it lacks detailed explanations for each one. It would be beneficial to include information about the model architectures, the rationale behind choosing those models, and how they are expected to address the problem statement.

Additionally, providing insights into the feature engineering process and any transformations applied to the data would further enhance the reader's understanding. Including markdown sections to explain the steps taken and the reasoning behind them would make the notebook more comprehensive and user-friendly.

In conclusion, the notebook demonstrates a good understanding of EDA techniques and presents a clear problem statement. However, it would greatly benefit from expanding on the model explanations and providing detailed insights into feature engineering. With these additions, the notebook would provide a more complete and informative analysis."

Version Control

WHAT WENT WELL
- Extensive README file(s) providing comprehensive information.
- Evidence of version control for Notebook & model deployment.
- Sufficient commits made over the span of the project.
- Regular pull requests.

ROOM FOR IMPROVEMENT
- More collaborators should have worked on the repo.

Project Management

Congratulations on your team's strong project management practices throughout the project. Regular scrums/meetings and well-documented meeting minutes showcase effective communication and coordination. Task delegation and the use of project management tools like Trello demonstrate good organization.

To further improve, focus on enhancing meeting effectiveness by including clear action items and follow-up tasks. Review and address incomplete tasks and checklists promptly for better progress tracking. Foster better collaboration and communication within the team, both during meetings and outside of project management tools. Establish clearer due dates and deadlines for tasks to maintain a consistent pace of progress. Additionally, define and outline project outcomes to provide a clear direction and focus.

Overall, your team has showcased strong project management skills, and with these improvements, you will enhance collaboration, communication, and overall project efficiency. Keep up the good work and continue refining your project management practices for future success.

Streamlit App

WHAT WENT WELL
- The app was successfully deployed.
- Logo and company name used within the app to give it a more personal feel.
- The app is quite user friendly and easy to navigate.

ROOM FOR IMPROVEMENT
- Need to show more EDA in the app. "EDA-like presentation of findings, using visualisations, text and, media to highlight aspects of the dataset + task."