

Assignment 6: Project Reflection

BABI 4005 – DQM WITH PYTHON

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Contents

Pride in My Accomplishment.....	2
Key Takeaways from Data	2
Working with Data in Git	2
Decision on Assignment 3	2
Main Challenges	3

Pride in My Accomplishment

I am proud of my project because, although it is not perfect, I put in my best effort and dedicated many hours to understanding and completing the tasks. I began with little knowledge and have gained a good grasp of how GitHub, Jupyter, and terminal commands work. The journey was challenging, but I learned a lot from the experience. Initially, I struggled, but with practice, I became more familiar with the concepts of GitHub, Jupyter, Python, and file structures/paths.

Looking ahead, the skills I've developed will be incredibly useful in my future endeavors, whether in academic projects or professional settings. Proficiency in these tools will enable me to collaborate effectively, manage projects efficiently, and tackle complex problems with confidence. I hope to continue improving my skills and expanding my knowledge, as I recognize that there is always more to learn in this field.

Key Takeaways from Data

The topic I chose for my project was regarding Gen Z and dating app usage. Through my research, I discovered several interesting insights. For instance, the majority of users who engage with dating apps daily identified as male. Additionally, most 23-year-olds prefer using video calls as their primary form of communication, a trend that holds true across various age groups. I also found that Bumble has the highest satisfaction rate among users, scoring 2.90, while Tinder has the lowest at 2.86.

Working with Data in Git

Working with data in Git taught me several valuable lessons. I found that Git is very effective for version control, helping track changes in data files, which is crucial for maintaining data integrity. It allows for the isolation of changes through the creation and merging of branches, making it a great tool for testing new ideas. Furthermore, Git enables collaboration on projects, allowing multiple contributors to work seamlessly together.

Decision on Assignment 3

Yes, I chose to include my work in Assignment 3 because all the components are interconnected, which allows for a more cohesive understanding of the project. By

integrating everything, I can enhance the quality of the data and provide a more comprehensive analysis. Additionally, having all my work in one branch enables me to track my progress more effectively, making it easier to identify areas for improvement. Furthermore, this approach fosters a deeper understanding of how different elements interact, ultimately enriching my learning experience. It also demonstrates my ability to apply concepts from class in a meaningful way, which can be useful for future projects. Overall, including my work not only showcases my efforts but also serves as a valuable reference for ongoing development.

Main Challenges

Initially, working with Git and Jupyter, I found that it was a steep learning curve and quite confusing. My main challenges during the project included grappling with Git and navigating terminal commands. However, as I continued to use it, I gradually gained a better understanding of its concepts and functions. Similarly, grasping terminal commands was a challenge at first, but with practice and online resources such as stackoverflow, AI, YouTube, and Google, I became more comfortable and proficient in their usage. Overall, these experiences, while difficult, contributed significantly to my growth and understanding of the tools.

GitHub Link: <https://github.com/DeniseMarq/BABI4005Assignments>