**Capstone Project-1 Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

| **Team Member’s Name, Email and Contribution:** |
| --- |
| * Name: - Navneet Sawhney * Email ID:- [navneetksawhney@gmail.com](mailto:navneetksawhney@gmail.com) * Contributed To notebook and helped with Google driver data connectivity and data cleaning, data manipulation, and EDA Visualization * Contributed to the contents of PPT. * Contributed to Technical Documentation in the content of the problem statement goal of the project and steps involved. * Name: - Biswanath Das * Email ID: - [biswanath2594@gmail.com](mailto:biswanath2594@gmail.com) * Contributed to a notebook for data cleaning, data manipulation, and EDA Visualization and finalizing the conclusion. * Contributed to Technical Documentation in the content of the problem statement goal of the project and steps involved. * Contributed to Team summarization by making sure all the points were covered and Mentioned all member’s contributions towards the project. * Name: - Tinu J Pooppally * Email ID: - [tinupooppally@gmail.com](mailto:tinupooppally@gmail.com) * Contributed to the development of the business objective and problem statement along with a relevant questionnaire for the business objective. * Contributed to data manipulation and EDA visualization with a focus on developing and providing meaningful insights for the business objective. * Contributed to the preparation of technical documentation and PowerPoint presentation with relevant insights and a meaningful conclusion to the project's business objective and problem statement. * Name: - Shubham V Jadhav * Email ID: - [jadhavshubham7743@gmail.com](mailto:jadhavshubham7743@gmail.com) * Contributed to * Contributed to * Contributed to      * Name: - Manoj Chetry * Email ID : - [chetrymanoj97@gmail.com](mailto:chetrymanoj97@gmail.com) * Contributed to * Contributed to * Contributed to |
| **Please paste the GitHub Repo link.** |
| Navneet Sawhney Github Link: - <https://github.com/navneet-sawhney/EDA-Capstone-1-Play-Store-App-Review-Analysis>  Biswanath Das Github Link: - <https://github.com/biswa2594/EDA-Capstone-Play-Store-App-Review-Analysis.git>  Tinu J Pooppally Github Link: - <https://github.com/tinu-pooppally/EDA-Capstone-Play-Store-App-Review-Analysis.git>  Shubham V Jadhav Github Link: - <https://github.com/ShubhamVJo27/EDA-PlayStore-by-SCRAPER-NERDS>  Manoj Chetry Github Link: - |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)**  This Capstone project's goal was to analyze app data reviews for the Google Play Store, focusing on medical and health fitness apps. The main objective was to build an app for medical and health fitness categories.  The problem statement of the project was to understand the user feedback and their opinions about existing medical and health fitness apps in the Google Play Store and to use this information to make recommendations for the development of a new app in this category.  To address this problem, the first step was to gather a large dataset of app reviews from the Google Play Store. The data were then pre-processed and  cleaned to remove any irrelevant information. Next, exploratory data analysis was performed to gain insights into the data and to identify any patterns or trends in the reviews.  One of the key approaches used in the project was sentiment analysis. This involved using natural language processing techniques to classify the reviews as positive, negative, or neutral. The results of this analysis were used to gain an understanding of the overall sentiment of the reviews and to identify any areas of the existing apps that users were particularly unhappy with.  In conclusion, the results of the analysis showed that users generally had positive feedback about existing medical and health fitness apps in the Google Play Store. However, some users had concerns about the accuracy of the information provided by the apps and the effectiveness of their features. Based on these findings, the new app being developed should prioritize accurate information and effective features to address these user concerns. |