**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

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| **Team Member’s Name, Email and Contribution:** |
| **Name: Piyush Sonavane**  **Email:** [**piyushsonavane111@gmail.com**](file:///C:\Users\piyus\Downloads\piyushsonavane111@gmail.com)  **Contribution:**   1. Importing libraries 2. Import of csv datasets 3. Drive mounting 4. Data cleaning 5. Null value checking 6. Null value replacing 7. Merge of two datasets 8. Data visualization:  * Number of apps in each category * Top 10 genres with highest number of apps * Free vs paid app via categories * Top categories on Play Store * App vs Content Rating * App vs Android version * Sentiment analysis through user review * Sentiment analysis through categories  1. Conclusion 2. PowerPoint presentation 3. Technical documentation 4. Summary |
| **Please paste the GitHub Repo link.** |
| Github Link:-**[https:/github.com/piyushsonavane/Play-Store-App-Review-Analysis-By-Piyush.git](https://github.com/piyushsonavane/Play-Store-App-Review-Analysis-By-Piyush.git)** |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)**  The dataset contains possibilities to deliver insights to understand customer demands better and thus help developers to popularize the product .  Dataset can also be used to look whether the original ratings of the app matches the predicted rating to know whether the app is performing better or worse compared to other apps on the Play Store . Other than that , the charts shown above actually implies that most of the apps having good ratings of above 4.0 are mostly confirmed to have high number of reviews and user installs  Data Science is very useful for app developers to build an application focused on certain discussed categories in this analysis. This analysis will help in building the application with precise and exact objectives.  In the initial Phase, I focused more on the problem statements and data cleaning, in order to ensure that I give them the best results out of my analysis.  In this project I merge two dataset play store app review, user data review in which play store app review dataset has more columns compare to user review dataset.  After that I remove NaN values from both data set which school have been used for to develop and understand the dataset  The app from play store is mainly classified by categorical type of data in which we do the EDA on each app by categorical value.  The approach in this , I have to group-by with features of app that give me the major aspects. The most critical in this project is deal with the mixture of data it means it consists of string types of data The approach behind this make data type of numerical feature into float. This helps me in analysis of this features. |
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