Capstone Project Submission

Instructions:
- Please fill in all the required information.
- Avoid grammatical errors.

Team Member's Name, Email and Contribution:

Contribution Roles:

i). Gaurav Bhakte (bhaktegaurav1999@gmail.com) :-

1. Analysis Based On Reviews
2. Data Preparation
   - Exploratory Analysis For Reviews
   - Cancellation Of Outlier In Reviews
   - Drop The Missing Values in Review

3. Scatterplot Of Sentiment Polarity and Sentiment Subjectivity
4. Google Play Store Reviews Sentiment Analysis

ii). Pratiksha Kharode (pratikshakharode1312@gmail.com) :-

1. Data Cleaning
2. Analysis based on Cancellation
   - Drop The Missing Value
   - Cancellation of Outlier
   - Make a Pairplot With The Column
   - Create 5 Bucket Based On Size
3. Exploratory Analysis For Reviews

iii). Vinit Ladse (ladsevinit7@gmail.com) :-

1. Data Cleaning and organizing data
2. General Analysis

- Data Description
- Sanity Check
- Top Content Rating
- Effect Of Size On Rating

3. Content Rating Vs Size Vs. Rating

4. Exploratory Analysis and visualizations

Please paste the GitHub Repo

Github Link:- https://github.com/GauravBhakte/EDA-CAPSTONE-Play-Store-App-Review-Analysis-

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 Play Store Data is first extracted and then categorized to identify , analyze behavior data and patterns . Using this dataset in our EDA project we found some relevant analysis which would help playstore to perform better.

As the first step, we perform Data Cleaning over the dataset. Further we divided our project in Five main parts i.e Analysis on Play Store Data and Reviews Data,Analysis based on Cancellations, General Analysis, Distribution of App Rating, Data Visualization .

The objective of this project is to deliver insights to understand customer demands better and thus help developers to popularize the product. The dataset is chosen from Kaggle

 Discussion of Google play store dataset will involve various steps such as:

- Loading the data into data frame
- Cleaning the data
- Extracting statistics from the dataset
- Exploratory analysis and visualizations
- Questions that can be asked from the dataset
- Conclusion

That's how we have accomplished our team work in Play Store Data Analysis Project.

Throughout the project we learn many new things right from taking problem statement to understand the technical side of a product to analysis. We deal with missing data and outliers, we tested some of the fundamental assumptions. Data cleaning and dealing with duplicate value was also most important to deal with correct methodology. Understanding the dataset and predicting the solution of the problem from team work was also great big task.

Future Work-

a.Exploring the correlation between the size of app and the version of andriod on the number of installs.

b.Exploring reviews and sentiment of the user as per the category of the application .

Drive Link