

Capstone Project Submission

Instructions:

- 1.Please fill in all the required information
- 2.Avoid grammatical error

Team Member's Name, Email and Contribution:

Contribution Roles:

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

a) Analysing and Organizing Data

- Description of data

b) Data Cleaning

- Drop The Missing Value
- Cancellation of Outlier
- 95th Percentile of Records information

c) Business Perspective Analysis

- Distribution Ratings
- Effect of Size on Ratings

d) Reviews Analysis

- Drop The Missing Values in Review

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

a. Analysing data

- Description of data

b. Business Perspective Analysis

- Effect Of Size On Rating
- Effect of Prize on Ratings
- Relationship between two components
- Rating vs Content Ratings

c. Data Cleaning

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

a) Analysis of Data

b) Reviews Analysis

- Analysis and organising data
- Cancellation Of Outlier
- Drop The Missing Values in Review
- Cancellation of reviews
- Google Play Store Reviews Sentiment Analysis

GitHub Link:-

<https://github.com/Pratikshakharode/EDA-Play-Store-App-Review-Analysiis.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 Google Play Store is found to be the largest app market in the world. It has been observed that although it generates more than double the downloads than the Apple App Store but makes only half the money compared to the App Store.

Mobile industry growing rapidly, competition for apps also grown significantly so developer need to do enough research to make app success.

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

As the second step, we perform Data Cleaning over the dataset. Further we divided our project in Five main parts i.e. Analysis and Organising Play Store Data and Data Cleaning, Business prospective Analysis and Visualization, Reviews Analysis.

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
- Business Prospective Analysis
- 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 android on the number of installs.
- b. Exploring reviews and sentiment of the user as per the category of the application

Drive Link:

https://drive.google.com/drive/folders/1ciZQOEGdYpsnUMqtNHf_1KtX7Qc4-6VC?usp=sharing