**GROUP PROJECT**

**DATASET : *Google Play Store App***

*Group Members:*

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Data source link:

<https://www.kaggle.com/lava18/google-play-store-apps#googleplaystore_user_reviews.csv>

The dataset comprises of 2 tables.

1. The first table contains 100 reviews of each applications on google play store. (googleplaystore\_user\_reviews.csv)
2. The second table contains google app data(googleplaystore.csv)

**About**

The dataset contains data in regard to the various reviews that have been collected over Google Play Store. For each Application on google play store 100 reviews, that are considered most efficient or have been stored for the data analysis. The other table in the dataset contains application information. This information is detailed out to the various categories that can be used to ask various questions for data analysis. Most of the data analyzed with this data set will be correlated with the user review sentiments in table 1.

Table 1 will have the fields indicated below:

**App|Translated\_Review|Sentiment|Sentiment\_Polarity|Sentiment\_Subjectivity**

Below indicate some of the rows of Table 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| App | Translated\_Review | Sentiment | Sentiment\_Polarity | Sentiment\_Subjectivity |
| 10 Best Foods for You | I like eat delicious food. That's I'm cooking food myself, case "10 Best Foods" helps lot, also "Best Before (Shelf Life)" | Positive | 1 | 0.533333333 |
| 10 Best Foods for You | This help eating healthy exercise regular basis | Positive | 0.25 | 0.288461538 |
| 10 Best Foods for You | nan | nan | nan | nan |
| 10 Best Foods for You | Works great especially going grocery store | Positive | 0.4 | 0.875 |
| 10 Best Foods for You | Best idea us | Positive | 1 | 0.3 |

Table 2 will possess the fields below:

**App| Category| Rating| Reviews| Size| Installs| Type| Price| Content Rating| Genre| Last Updated| Android Version**

An Example of Table 2 row data below:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| App | Category | Rating | Reviews | Size | Installs | Type | Price | Content Rating | Genres | Last Updated | Current Ver | Android Ver |
| Photo Editor & Candy Camera & Grid & ScrapBook | ART\_AND\_DESIGN | 4.1 | 159 | 19M | 10,000+ | Free | 0 | Everyone | Art & Design | 07-Jan-18 | 1.0.0 | 4.0.3 and up |
| Coloring book moana | ART\_AND\_DESIGN | 3.9 | 967 | 14M | 500,000+ | Free | 0 | Everyone | Art & Design;Pretend Play | 15-Jan-18 | 2.0.0 | 4.0.3 and up |

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**Questions we can ask about this data set.**

1. What kinds of application fall into the positive review brackets and same for the vice versa?
2. What kinds of applications are designated for the various kinds of age groups?
3. Does application pricing affect the positivity or negativity in reviews of the application?
4. What kinds off application categories are best for pricing?
5. Does the android version compatibility affect user experience?
6. What genres are mostly downloaded and what are the user reviews for this statements?