**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:** |
| Team Member(Individual): Yotish Lakhanpal  Email: [yotish.lakhanpal@gmail.com](mailto:yotish.lakhanpal@gmail.com)  Contribution:   1. Data cleaning: Eliminating Null values 2. Data Wrangling: Play store Dataset User review Dataset Changing format to float for number’s column Removing any strings or sign from numeric column. 3. Percentage of Free Apps 4. Rating count 5. Number of apps per Category 6. Number of install per Category 7. Number of Review per Category 8. Price per Category 9. Size Analysis. 10. Rating Analysis. 11. Top 10 Apps for highest positive and negative Reviews 12. Sentiment polarity of free and paid apps. |
| **Please paste the GitHub Repo link.** |
| Github Link:- https://github.com/y0tish/Play-Store-App-Review-Analysis.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)** |
| Now a day’s play store became an important platform for everyone. Anyone can access or download any kind of app present in play store, therefore it is important for creators to better understand what user wants and, in turn, aid in the product's widespread adoption. We have made an effort to understand the connections between many characteristics, such as whether an application is free or paid, how it is rated by users, how big it is, and how much it costs.  We had given two datasets one is play store which contains the information about every app such as category, size, type, rating, review, versions etc. and the second dataset called user review tells us about an app is performing well in market, it contains information about the reviews and their reviews score.  Mainly the analysis is focused on categories of apps, finding out the categories which are performing well in market. These categories are selected on the basis of various attributes like rating, reviews, number of apps, size etc. Out of which size and type are the attributes which are making an impact on the other attributes (rating, number of install). Therefore analysis on size, price is also done. Top categories are chosen on the basis of rating also.  After this analysis we found that light weight apps have more number of install and heavy weight apps have more negative reviews. Education and Health categories are performing quite well in Market whereas Family category is the most competitive category. Users are harsher towards free apps and light weighted paid apps have quite remarkable rating and reviews. |