



EPICS PROJECT

EDA FOR GOOGLE PLAY STORE DATASET

REVIEW 2

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Guide:

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Objective

The objective of the project is to understand EDA concepts and the main theme of this project is to deliver insights to understand customer demands better and thus help developers to popularize the product(App).

Here's the step-by-step outline of the project :

- 1.Download the dataset from internet.
- 2.Data Preparation and Cleaning.
- 3.Exploratory Analysis and Visualizations.
- 4.Question and Answers.
- 5.Summary and Conclusion.

Technologies Used



OPENDATASETS LIBRARY :

A curated collection of datasets for data analysis & machine learning, downloadable with a single Python command. where can download the dataset by providing the URL of the dataset.



NUMPY LIBRARY:

NumPy is a library for Python that adds support for large, multi-dimensional arrays and matrices, along with a large collection of high-level mathematical functions to operate on these arrays.





Pandas library :

pandas is an open-source library built on top of numpy providing high performance, easy to use data structures and data analysis tools for python. It allows for fast analysis and data cleaning and preparation.



Matplotlib library :

Matplotlib is a comprehensive library for creating static, animated, and interactive visualizations in Python.



Seaborn library :

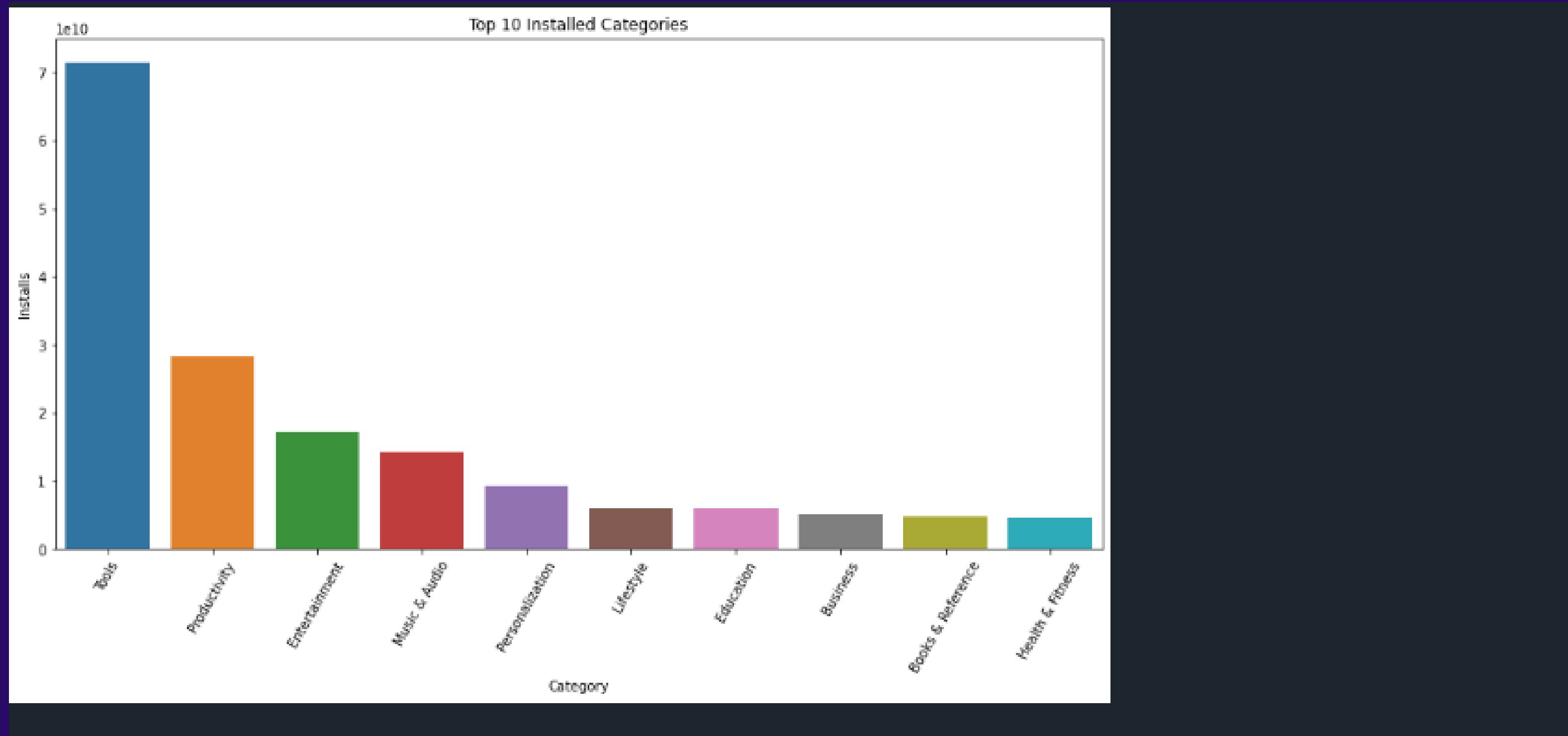
Seaborn is a Python data visualization library based on matplotlib. It provides a high-level interface for drawing attractive and informative statistical graphics.



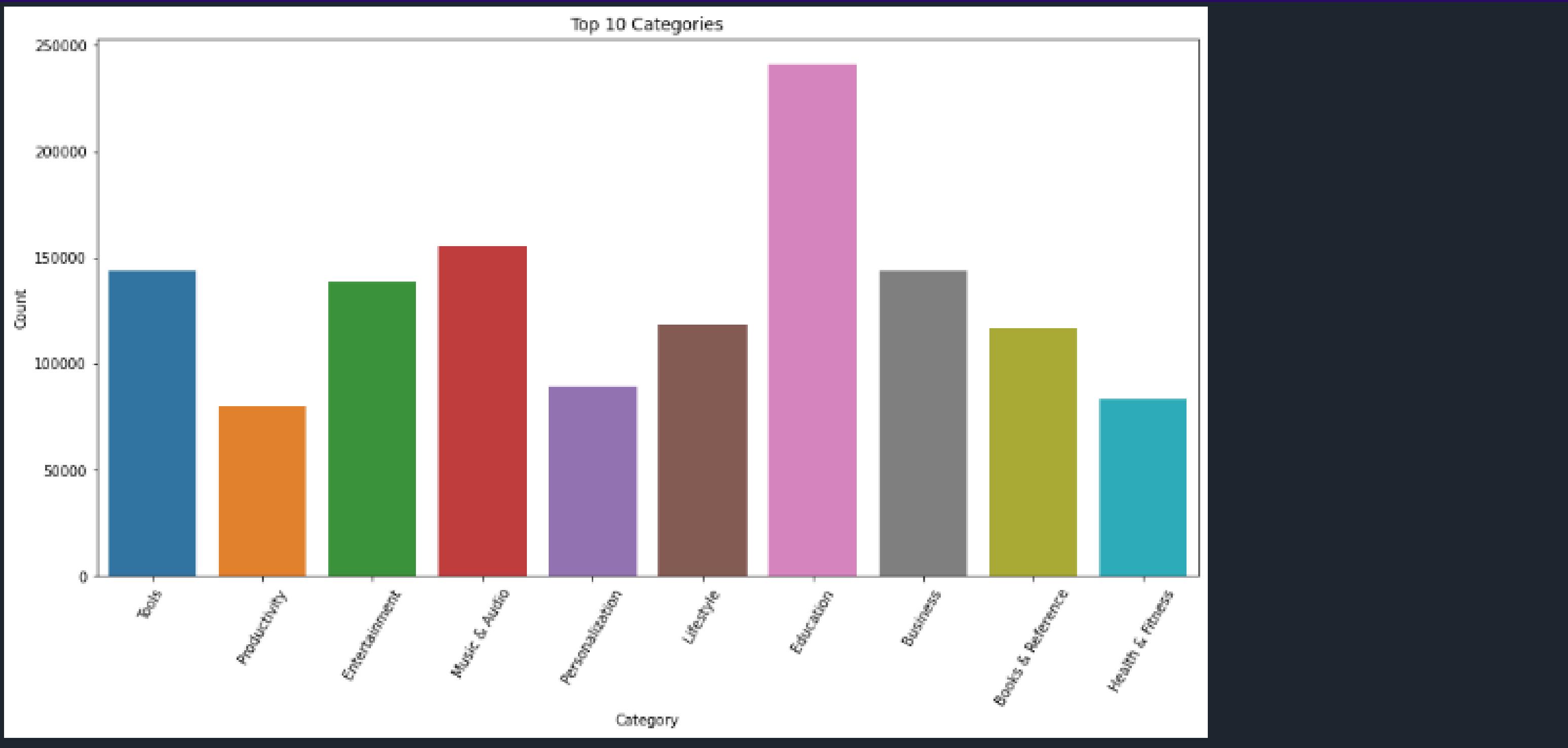
Questions :

- * **What are the top 10 Categories that are installed from the Google Play Store ?**
- * **Which are the Categories that are getting installed the most in top 10 Categories?**
- * **What is the higest rated Category ?**
- * **Which Category has the highest Paid and Free apps ?**
- * **How does the size of the Application impacts the Installation ?**
- * **What are the Top 5 Paid Apps based With highest ratings and installs ?**
- * **What are the Top 5 Free Apps based With highest ratings and installs ?**

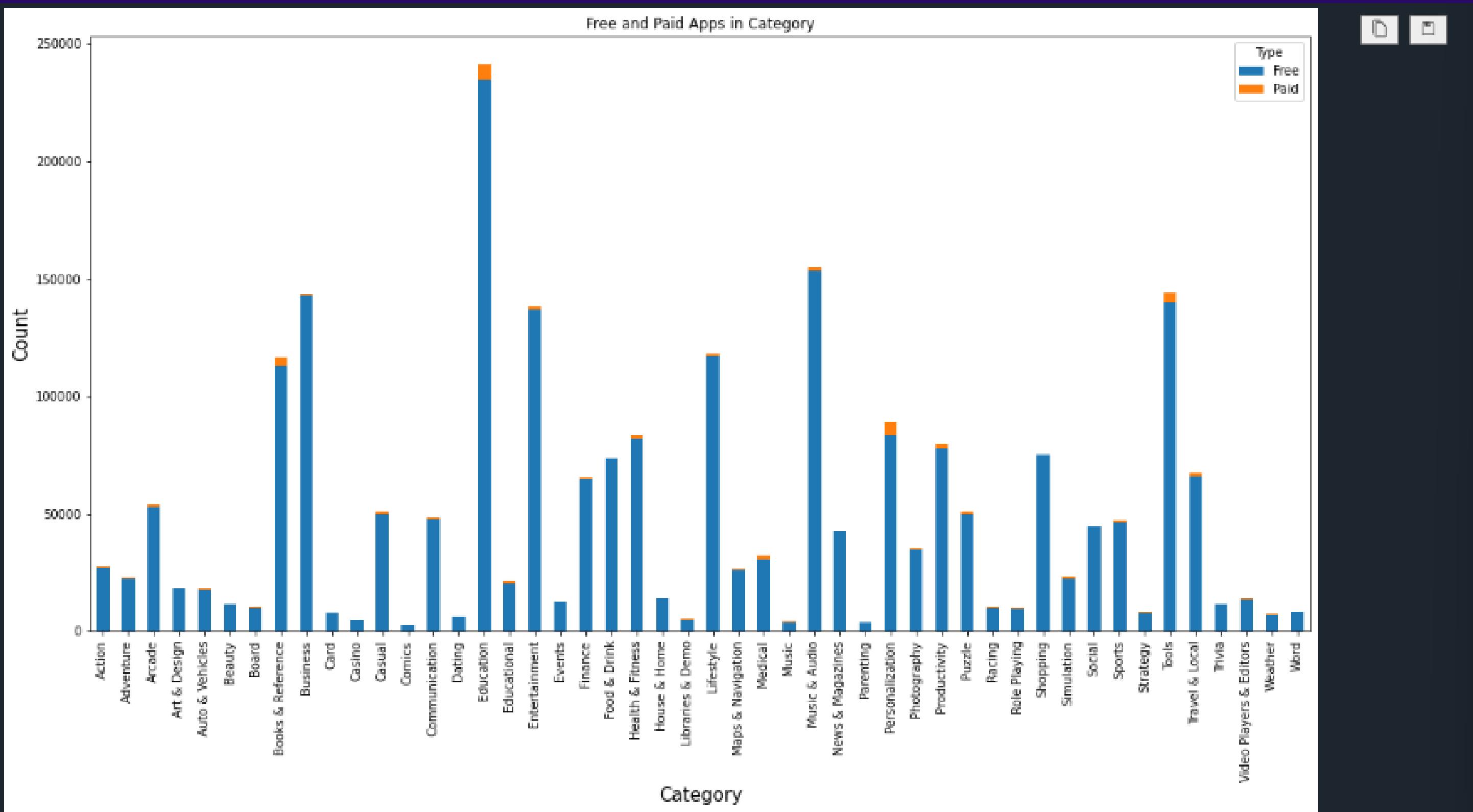
What are the top 10 Categories that are installed from the Google Play Store ?



Which are the Categories that are getting installed the most in top 10 Categories?



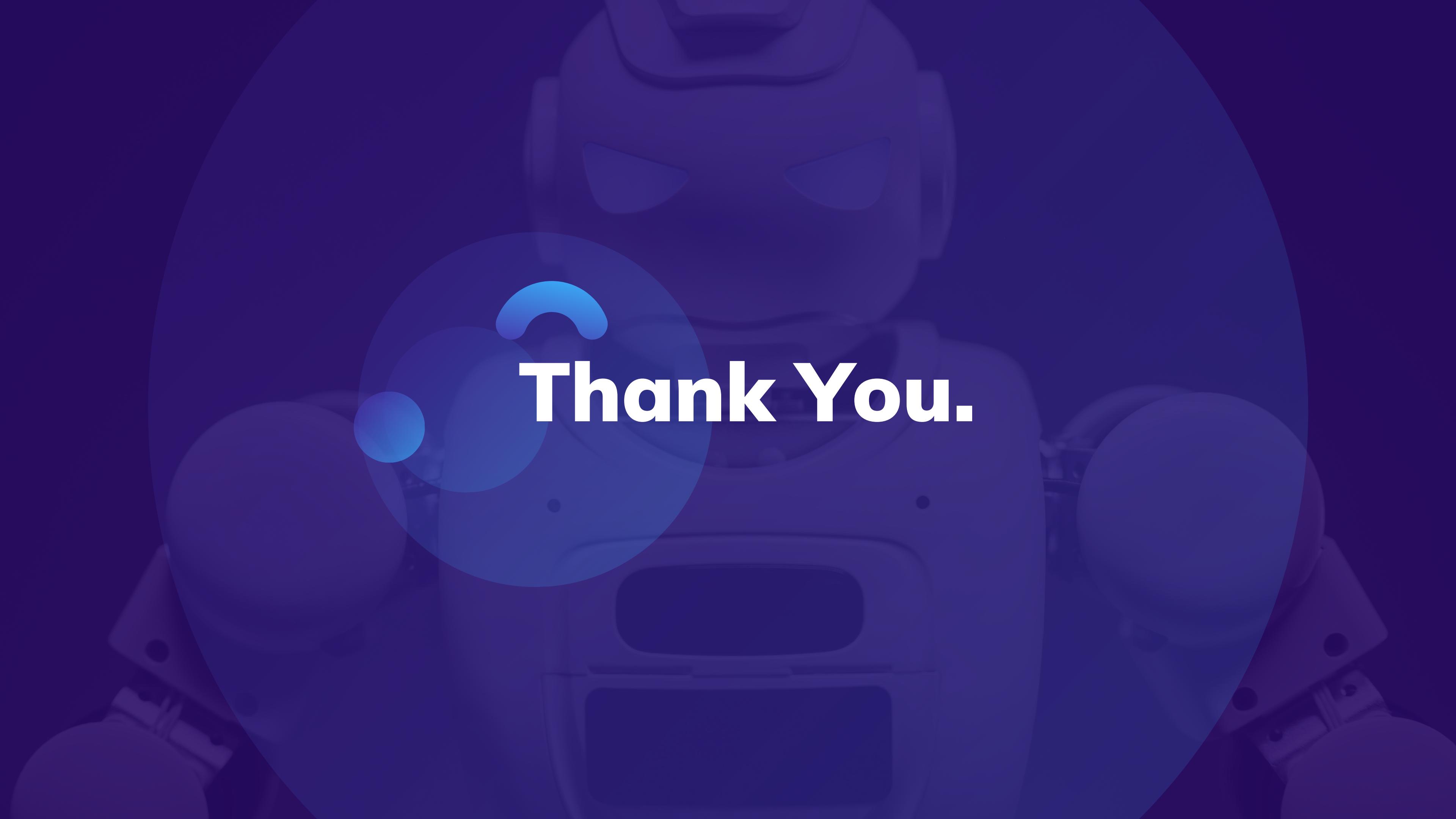
What is the highest rated Category?



Summary and Conclusion :

- * People are more interested to install the gaming Apps, the top Rating is given to the gaming apps.
- * InAppPurchases are correlated to App rating. So we can say that if the app provides customer support and have subscription plans it will help to engage customers.
- * most people does not give rating, But the people who are given rating are tend to give 4+ rating the most.
 - * Most of the Adults installed the Social and communication Apps.
- * Most of the installations are done by the teens and the most are Video Players and Editors. Video Players and Editors has more demand.
 - * Size of the Application varies the installations.
- * People are mostly downloaded the free apps the installation of the free apps is high and the availability of the free apps also is very high.





Thank You.