Introduction

In this work, Exploratory Data Analysis (EDA) will be carried out on Google Play Store Apps to predict the number of installs of apps by looking at app info and its reviews. Knowing the number of installs can help developers and business managers because they can predict the profit.This project's result may show the importance of reviews to apps in the market as it could be one of the determining factors for the number of installs.

Questions:

1-Did the rating of the apps encourage more people to install it ?

2- Which apps type most of people download?

3-What is the app category shows people interest?

Data Description

- Kaggle Dataset: https://www.kaggle.com/lava18/google-play-store-apps
- This information is scraped from the Google Play Store.
- Its contain 10841 rows × 13 columns

Columns	Description
App	Application name
Category	Category the app belongs to
Rating	Overall user rating of the app (as when scraped)
Reviews	Number of user reviews for the app (as when scraped)
Size	Size of the app (as when scraped)

installs	Number of user downloads/installs for the app (as when scraped)
Type	Paid or Free
Price	Price of the app (as when scraped)
Content Rating	Age group the app is targeted at - Children / Mature 21+ / Adult
Genres	An app can belong to multiple genres (apart from its main category). For eg, a musical family game will belong to
Last update	Date of the last update
Current Ver	Current Version of the app
Android Ver	Which Android Ver its compatible with the app

Tools

- **Technologies:**

  Python, Jupyter notebook.

- **Libraries:**

  Matplotlib, NumPy, Pandas.