

EDA PROJECT GOOGLE PLAY STORE APPS





Google Play, also branded as the Google Play Store and formerly Android Market , is a digital distribution service operated and developed by Google. It serves as the official app store for certified devices running on the Android operating system and its derivatives as well as Chrome OS, allowing users to browse and download applications developed with the Android software development



column

column	Describe
App	Apps name
Category	Category to which the app belongs
Rating	rate app
Size	Size apps
Installs	number of downloads
Type	Free or paid app
Price	Price apps
Content Rating	Content Rating apps
Last Updated	Last update date
Android Ver	Android Ver mobile



View data

	App	Category	Rating	Size	Installs	Type	Price	ContentRating	Last Updated	AndroidVer
0	Photo Editor & Candy Camera & Grid & ScrapBook	ART_AND_DESIGN	4.1	19M	10,000+	Free	0	Everyone	January 7, 2018	4.0.3 and up
1	Coloring book moana	ART_AND_DESIGN	3.9	14M	500,000+	Free	0	Everyone	January 15, 2018	4.0.3 and up
2	U Launcher Lite – FREE Live Cool Themes, Hide ...	ART_AND_DESIGN	4.7	8.7M	5,000,000+	Free	0	Everyone	August 1, 2018	4.0.3 and up
3	Sketch - Draw & Paint	ART_AND_DESIGN	4.5	25M	50,000,000+	Free	0	Teen	June 8, 2018	4.2 and up
4	Pixel Draw - Number Art Coloring Book	ART_AND_DESIGN	4.3	2.8M	100,000+	Free	0	Everyone	June 20, 2018	4.4 and up



Info data

```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10841 entries, 0 to 10840
Data columns (total 13 columns):
#   Column                Non-Null Count  Dtype
---  -
0   App                    10841 non-null  object
1   Category               10841 non-null  object
2   Rating                 9367 non-null   float64
3   Reviews                10841 non-null  object
4   Size                   10841 non-null  object
5   Installs                10841 non-null  object
6   Type                   10840 non-null  object
7   Price                  10841 non-null  object
8   Content Rating         10840 non-null  object
9   Genres                 10841 non-null  object
10  Last Updated           10841 non-null  object
11  Current Ver            10833 non-null  object
12  Android Ver            10838 non-null  object
dtypes: float64(1), object(12)
memory usage: 1.1+ MB

```



Tools

- ❖ Application in jupyter Notebook
- ❖ Python programming
 - Numpy
 - pandas
 - matplotlib
- ❖ PowerPoint
- ❖ Click Link data



questions

- # Q1 : how many free apps and price ?
- # Q2 : What are the most downloaded categories?
- # Q3: What is the most downloaded version?
- # Q4: what the most download years ?
- # Q5: What is the most paid category?