



**L**OVELY  
**P**ROFESSIONAL  
**U**NIVERSITY

INT217: Introduction to Data Science

Project: Excel Dashboard

Lovely School of Computer Science  
Lovely Professional University, Phagwara

Under the Guidance of Ms. Veerpal Kaur: 25909  
Discipline of CSE/IT

Submitted by

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Section:- KM100

(Project Semester August-December 2022)

# Declaration

I, Aman Raj, student of Computer Science and Engineering under CSE Discipline at, Lovely Professional University, Punjab, hereby declare that all the information furnished in this project report is based on my own intensive work and is genuine.

A handwritten signature in blue ink that reads "Aman Raj". The signature is stylized with a horizontal line underneath the name.

Date: 4<sup>th</sup> Nov 2022

Signature

Registration No.

Name of the student

12101946

Aman Raj

# ACKNOWLEDGEMENT

We would like to thank Ms. Veerpal Kaur (25909) for their support and guidance in completing our project on the topic “Google Play Store”. It was a great learning experience for me.

-Aman Raj

-12101946

# CONTENT

S.No	Topic	Page
1.	Introduction	5-8
2.	CATEGORY AND COUNT OF INSTALL	9-10
3.	APPS WITH RESPECT TO RATINGS BETWEEN 4-5	11
4.	TOP 5 POPULAR APPS	12
5.	COUNT OF APPS W.R.T INSTALLS	13
6.	NO. OF APPS ACCORDING TO TYPES	14

# Introduction

This project is developed to keep track of my google play store while I am analysing the data, I used Excel for cleaning the data and analysing the Datasets of “Google Play Store”

Dashboard includes:

- DATA CLEANING
- CATEGORY AND COUNT OF INSTALL
- APPS WITH RESPECT TO RATINGS BETWEEN 4-5
- TOP 5 POPULAR APPS
- COUNT OF APPS W.R.T INSTALLS
- NO. OF APPS ACCORDING TO TYPES

## Source of dataset

Link:

<https://www.kaggle.com/datasets/lava18/google-play-store-apps>

Reference:

<https://www.kaggle.com>

- Dataset contains:

Number of columns: 13

Number of rows: 10842

- Refined Dataset contains:

Number of columns: 13

Number of rows: 7425

Columns contain:

1. App
2. Category
3. Rating
4. Reviews
5. Size

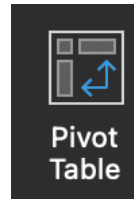
6. Installs
7. Type
8. Price
9. Content Rating
10. Genres
11. Last Updated
12. Current Ver
13. Android Ver

## Specific Requirements:

1. MS Excel
2. we need pivot table.
3. We need slicer to compare.

### **Process of creating this table:-**

- Convert the row table into refined table.
- Convert the table into pivot table by selecting the cell of the table and click on the pivot table .



- Select the table range and where to open that table in new worksheet or existing workbook.

**Create Pivot Table**

**Choose the data that you want to analyse.**

☒ **Select a table or range**

Table/Range:

☐ **Use an external data source**

No data fields have been retrieved.

---

**Choose where to place the Pivot Table.**

☒ **New worksheet**

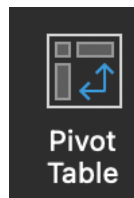
☐ **Existing worksheet**

Table/Range:

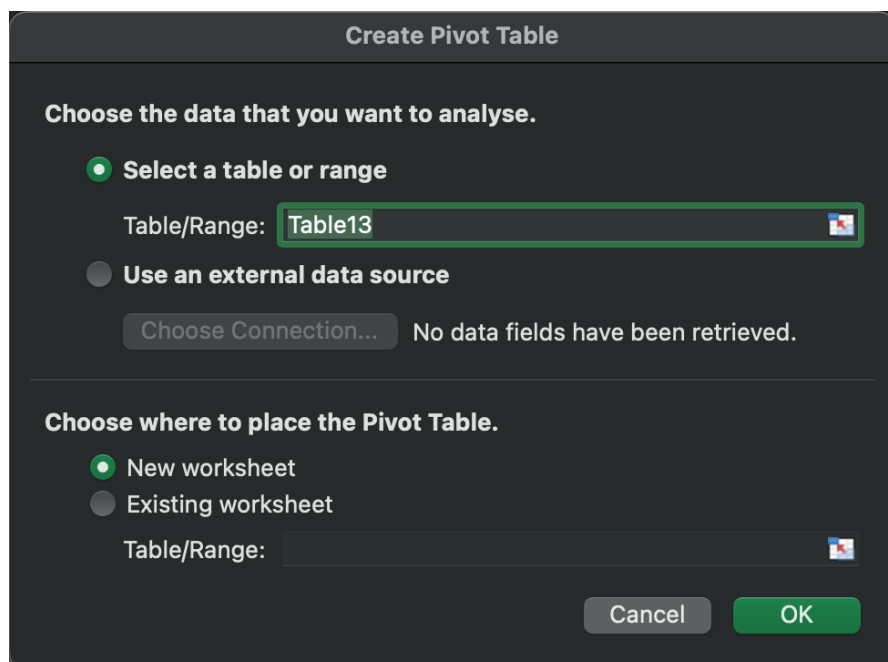


# 1. CATEGORY AND COUNT OF INSTALL

- This Table contain total count of apps belongs from the given category
- Process of creating this table:-
  - Convert the row table into refined table.
  - Convert the table into pivot table by selecting the cell of the table and click on the pivot table .

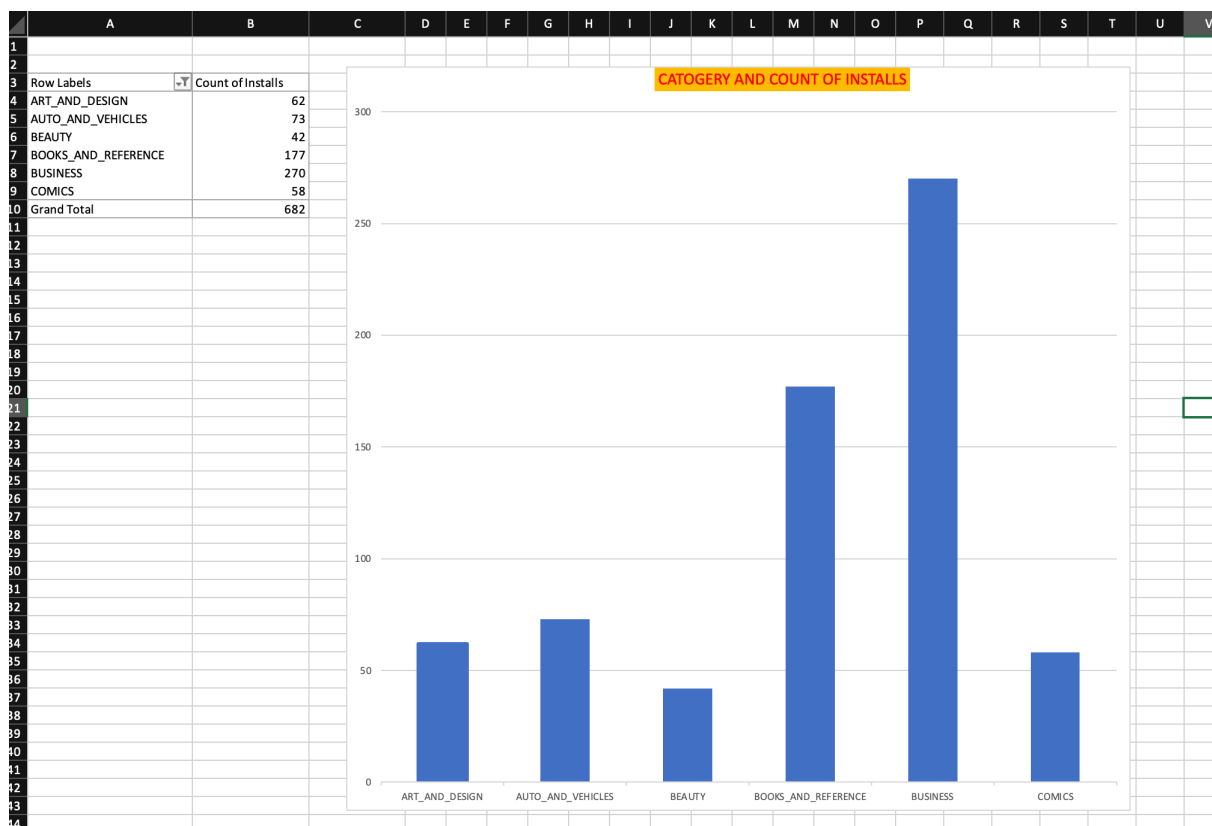


- Select the table range and where to open that table in new worksheet or existing workbook.



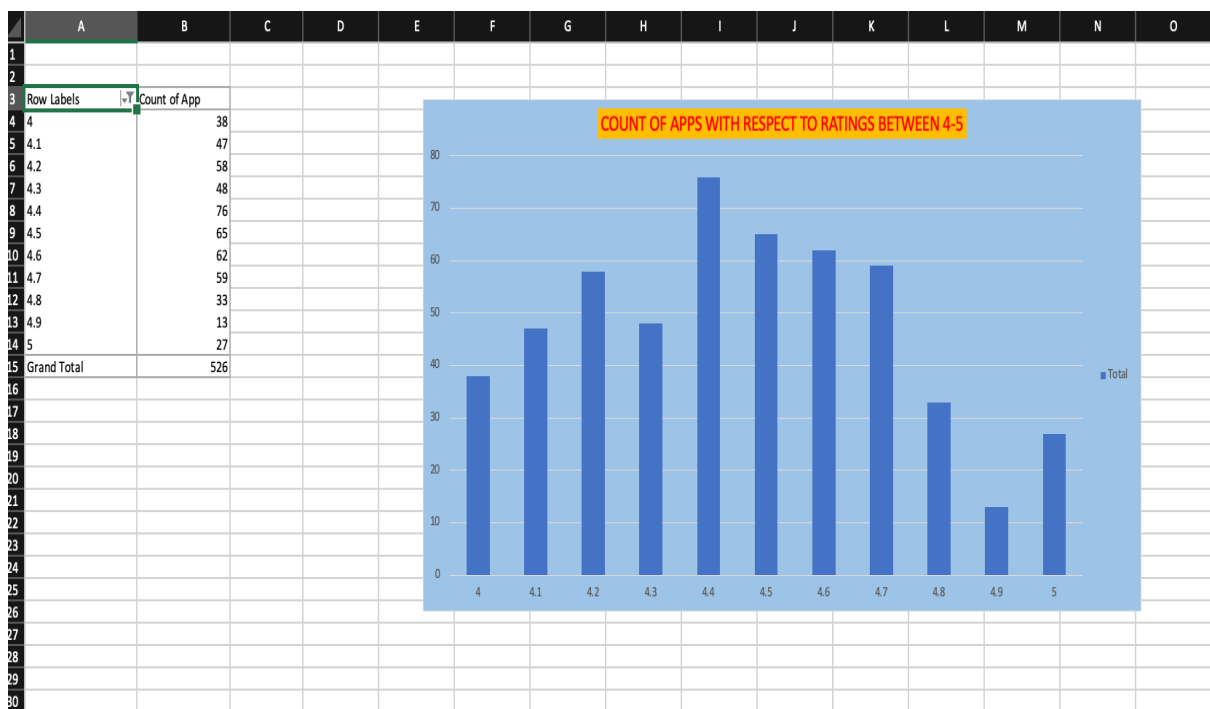
- After click on that go to PivotTable fields and

select the “App” and “Category” for analysing that “how many apps belongs to the category” like Beauty contain 42 apps.



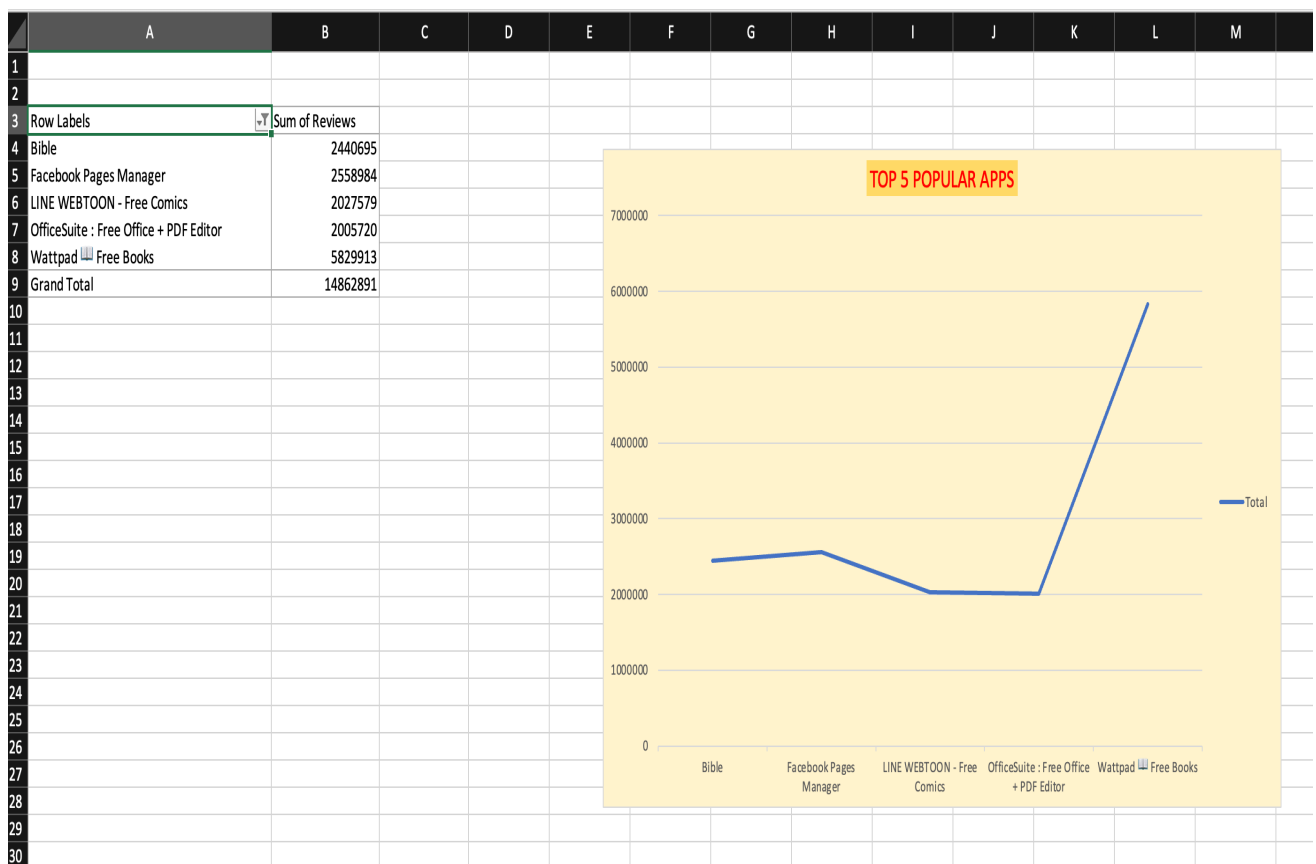
## 2. APPS WITH RESPECT TO RATINGS BETWEEN 4-5

- This Table contain total count of apps belongs from the given ratings
- After click on that go to PivotTable fields and select the “Ratings” and “Apps” for analysing that “how many apps belongs to the given Ratings” like from rating “1” the total app count is “16”.



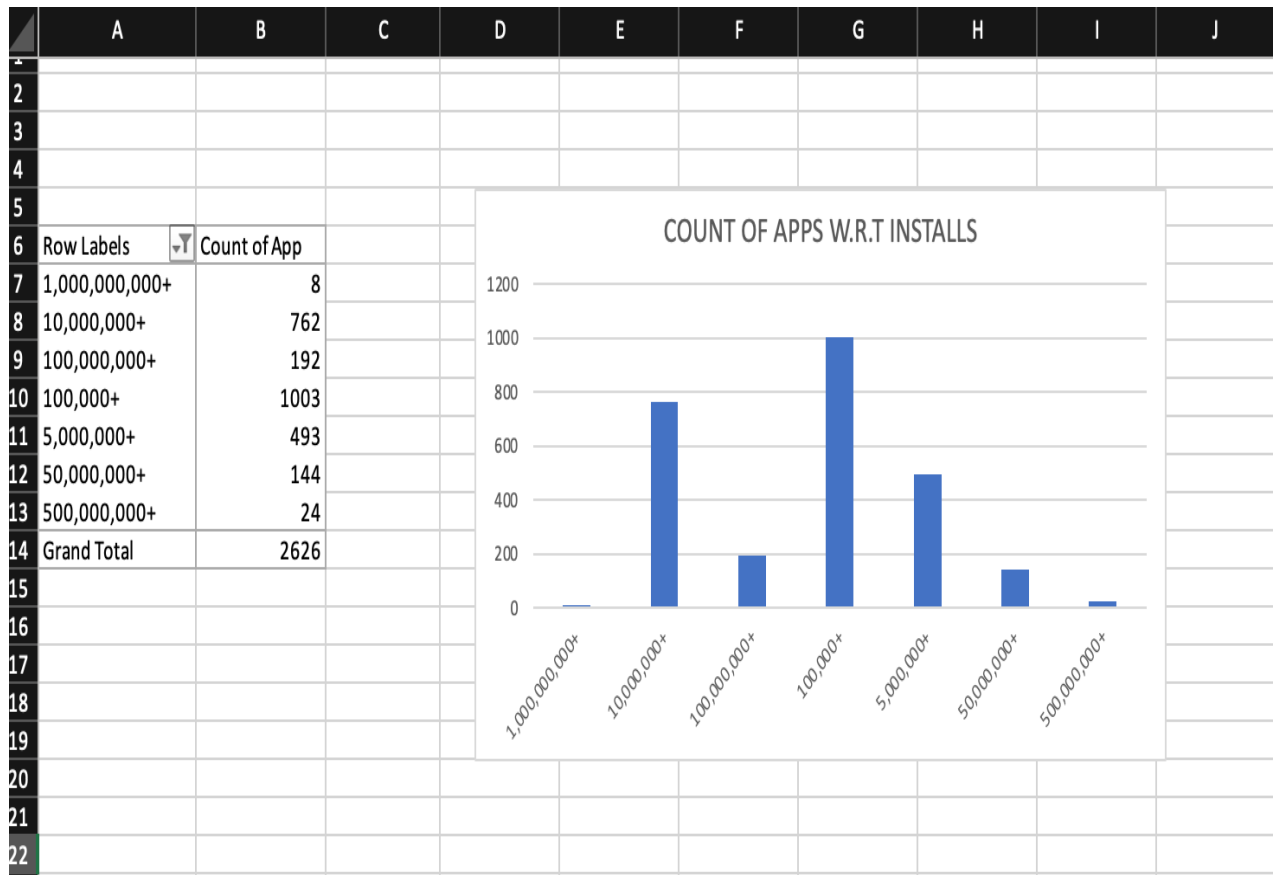
### 3. TOP 5 POPULAR APPS

- This Table contain top 5 popular apps total count of review belongs from the given apps.
- After click on that go to PivotTable fields and select the “Apps” and “Review” for analysing that “total number of review according to apps” like “Bible” have total “2440695 ” reviews.



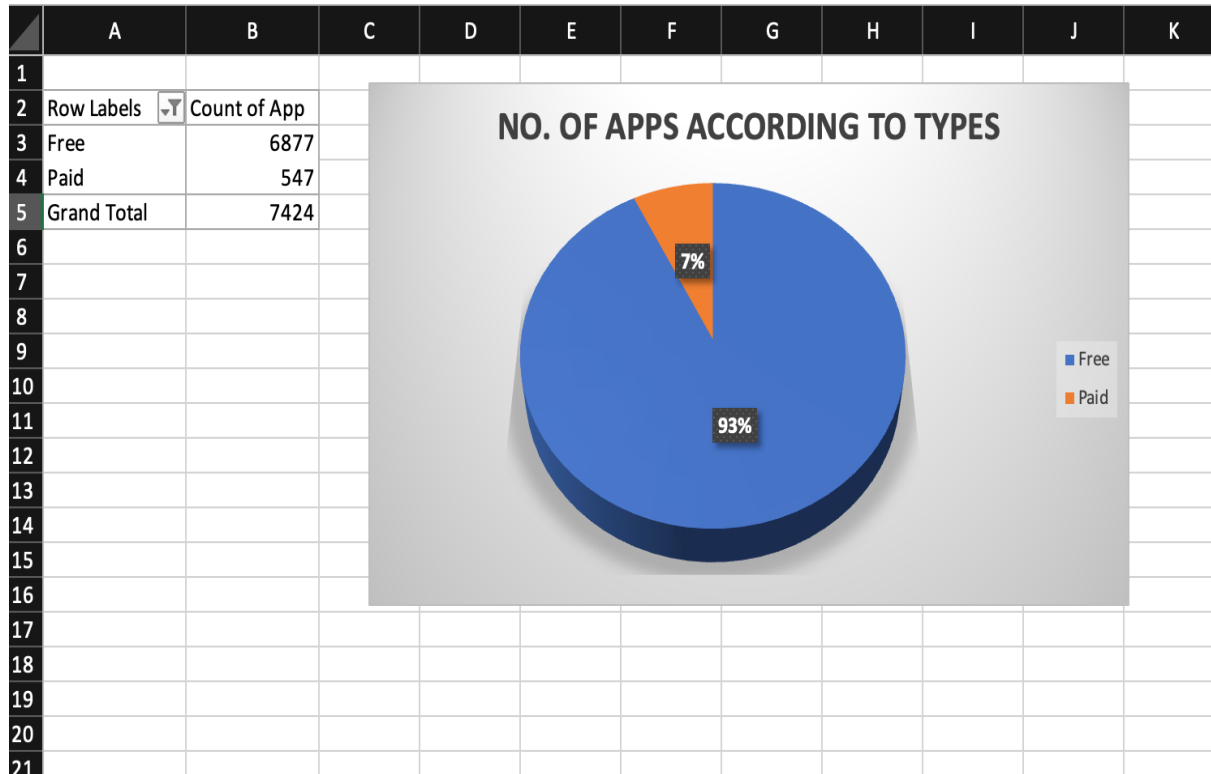
## 4. COUNT OF APPS W.R.T INSTALLS

- This Table contain count of apps with respect to installs



## 5. NO. OF APPS ACCORDING TO TYPES

- Count of apps according to their types



## • DASHBOARD

