SQL codes

1. Which apps have the highest rating in the given available dataset?

SELECT DISTINCT

App,

Rating

FROM playstore\_apps\_clean

WHERE Rating=5

ORDER BY App;

1. What are the number of installs and reviews for the above apps? Return the apps with the highest reviews to the top.

SELECT DISTINCT

App,

Rating,

Reviews,

Installs

FROM playstore\_apps\_clean

WHERE Rating=5

ORDER BY Reviews DESC;

1. Which app has the highest number of reviews? Also, mention the number of reviews and category of the app

SELECT DISTINCT

App,

Category,

Reviews

FROM playstore\_apps\_clean

ORDER BY Reviews DESC

LIMIT 1;

1. What is the total amount of revenue generated by the google play store by hosting apps? (Whenever a user buys apps from the google play store, the amount is considered in the revenue)

WITH Revenue\_cte(App, Revenue) AS

(SELECT

App,

(Price\*Installs) AS Revenue

FROM playstore\_apps\_clean)

SELECT SUM(Revenue) AS Total\_Revenue

FROM Revenue\_cte;

1. Which Category of google play store apps has the highest number of installs? also, find out the total number of installs for that particular category.

SELECT

Category,

SUM(Installs) AS Total\_Installs

FROM playstore\_apps\_clean

GROUP BY Category

ORDER BY Total\_Installs;

1. Which Genre has the most number of published apps?

SELECT

Genres,

COUNT(App) AS Total\_Apps

FROM playstore\_apps\_clean

GROUP BY Genres

ORDER BY Total\_Apps DESC;

1. Provide the list of all games ordered in such a way that the game that has the highest number of installs is displayed on the top (to avoid duplicate results use distinct)

SELECT DISTINCT

App,

Category,

Installs

FROM playstore\_apps\_clean

WHERE Category='GAME'

ORDER BY Installs DESC;

1. Provide the list of apps that can work on android version 4.0.3 and UP.

SELECT

App,

Android\_Ver

FROM playstore\_apps\_clean

WHERE Android\_Ver='4.0.3 and UP';

1. How many apps from the given data set are free? Also, provide the number of paid apps.

SELECT

Type,

COUNT(App) AS Total\_Apps

FROM playstore\_apps\_clean

WHERE Type='Free';

SELECT

Type,

COUNT(App) AS Total\_Apps

FROM playstore\_apps\_clean

WHERE Type='Paid';

1. Which is the best dating app? (Best dating app is the one having the highest number of Reviews)

SELECT

App,

Reviews,

Category

FROM playstore\_apps\_clean

WHERE Category='DATING'

ORDER BY Reviews DESC

LIMIT 1;

1. Get the number of reviews having positive sentiment and number of reviews having negative sentiment for the app 10 best foods for you and compare them.

WITH Positive(App, Positive) AS

(SELECT

App,

COUNT(Sentiment) AS Positive

FROM playstore\_reviews\_clean

WHERE App='10 best foods for you' AND Sentiment='Positive'

GROUP BY App),

Negative (App, Negative) AS

(SELECT

App,

COUNT(Sentiment) AS Negative

FROM playstore\_reviews\_clean

WHERE App='10 best foods for you' AND Sentiment='Negative'

GROUP BY App)

SELECT

a.App,

a.Positive,

b.Negative,

(Positive-Negative) AS Difference

FROM Positive a

JOIN Negative b

ON a.App=b.App

1. Which comments of ASUS SuperNote have sentiment polarity and sentiment subjectivity both as 1?

SELECT

App,

Translated\_Review,

Sentiment\_Polarity,

Sentiment\_Subjectivity

FROM playstore\_reviews\_clean

WHERE App='ASUS SuperNote' AND Sentiment\_Polarity=1 AND Sentiment\_Subjectivity=1;

1. Get all the neutral sentiment reviews for the app Abs Training-Burn belly fat

SELECT

App,

Translated\_Review,

Sentiment

FROM playstore\_reviews\_clean

WHERE App='Abs TrainingBurn belly fat' AND Sentiment='Neutral';

1. Extract all negative sentiment reviews for Adobe Acrobat Reader with their sentiment polarity and sentiment subjectivity

SELECT

App,

Translated\_Review,

Sentiment\_Polarity,

Sentiment\_Subjectivity

FROM playstore\_reviews\_clean

WHERE App='Adobe Acrobat Reader' AND Sentiment='Negative';