Data Ninjas

**SQL queries for PLaystore\_apps & PLaystore\_reviews dataset -**

Question 1 - Apps that have the highest rating in the given available dataset?

Answer

select App from apps where Rating = 5;

select Count(\*) from apps where Rating = 5;

Question 2 - What are the number of installs and reviews for the above apps? Return the apps with the highest reviews to the top.

Answer

select App, Installs, Reviews from apps where Rating = 5 order by Reviews desc;

Question 3 - Which app has the highest number of reviews? Also, mention the number of reviews and category of the app

Answer

select App, Category, Installs, Reviews from apps where Rating = 5 order by Reviews desc limit 1;

Question 4 - 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)

Answer

select Sum(Installs \* Price) as Revenue from apps;

Question 5 - 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.

Answer

select Category, Sum(Installs) as total\_installs from apps group by Category order by total\_installs desc limit 1;

Question 6 - Which Genre has the most number of published apps?

Answer

select Genres, Count(\*) as total from apps group by Genres order by total desc limit 1;

Question 7 - 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

Answer

select distinct App, Installs from apps where Category = 'Game' order by Installs desc;

Question 8 - Provide the list of apps that can work on android version 4.0.3 and UP.

Answer

Select App from apps where 'Android Ver'>='4.0.3';

Question 9 - How many apps from the given data set are free? Also, provide the number of paid apps.

Answer

Select Count(\*) as Total\_Free\_apps from apps where Type='Free';

Select Count(\*) as Total\_Free\_apps from apps where Type='Paid';

Question 10 - Which is the best dating app? (Best dating app is the one having the highest number of Reviews)

Answer

Select App, Reviews from apps where Category='Dating' or Genres='Dating' order by Reviews Desc limit 1;

Question 11 - 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.

Answer

select count(\*) from reviews where App ='10 Best Foods for You' and Sentiment\_Polarity>0;

select count(\*) from reviews where App ='10 Best Foods for You' and Sentiment\_Polarity<0;

Question 12 - Which comments of ASUS SuperNote have sentiment polarity and sentiment subjectivity both as 1?

Answer

select Translated\_Review from reviews where App ='ASUS SuperNote' and Sentiment\_Polarity=1 and Sentiment\_Subjectivity = 1;

Question 13 - Get all the neutral sentiment reviews for the app Abs Training-Burn belly fat

Answer

select Translated\_Review from reviews where App ='Abs Training-Burn belly fat ' and Sentiment\_Polarity = 0;

Question 14 - Extract all negative sentiment reviews for Adobe Acrobat Reader with their sentiment polarity and sentiment subjectivity

Answer

select Translated\_Review,Sentiment\_Polarity,Sentiment\_Subjectivity from reviews where App='Adobe Acrobat Reader ' and Sentiment\_Polarity < 0;