**Team: Stats Facts**

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

Query:

**SELECT DISTINCT**

**(app),**

**rating**

**FROM**

**apps**

**ORDER BY rating DESC**

**LIMIT 10;**

**Displaying 10 top results of the above query. In total 268 distinct apps have 5 rating which is the highest.**

Graphical user interface, text, application

Description automatically generated

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

Query:

**SELECT DISTINCT**

**(app), installs, reviews, rating**

**FROM**

**apps**

**WHERE**

**rating = 5**

**ORDER BY reviews DESC**

**LIMIT 10;**

**Displaying the top 10 results of the above query.**

Graphical user interface, application

Description automatically generated

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

Query:

**SELECT**

**app, reviews, category**

**FROM**

**apps**

**ORDER BY reviews DESC**

**LIMIT 1;**



Facebook has the most reviews and belongs to the category of Social

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)**

Query:

**SELECT**

**SUM(installs \* price) AS revenue**

**FROM**

**apps;**

**Text

Description automatically generated**

**Playstore generated 366854992 in revenue i.e. approximately 366.8 million.**

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?**

Query:

**SELECT**

**category, SUM(installs) AS total\_installs**

**FROM**

**apps**

**GROUP BY category**

**ORDER BY total\_installs DESC**

**LIMIT 1;**

**Graphical user interface, text, application

Description automatically generated**

**The category Game had approximately 31 Billion Installs**

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

Query:

**SELECT**

**category, COUNT(DISTINCT (app)) AS total\_apps**

**FROM**

**apps**

**GROUP BY category**

**ORDER BY total\_apps DESC**

**LIMIT 1;**

**Graphical user interface, application

Description automatically generated**

**The Family category has 1905 distinct apps in total.**

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)**

Query:

**SELECT DISTINCT**

**(app), category, installs**

**FROM**

**apps**

**WHERE**

**category = 'GAME'**

**ORDER BY installs DESC;**

Displaying only top 10 rows for brevity. But there were 955 games in total

**Table

Description automatically generated**

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

Query:

**SELECT**

**\***

**FROM**

**apps**

**WHERE**

**androidver IN ('4.0.3 and up' , '4.2 and up',**

**'4.4 and up',**

**'4.1 and up',**

**'5.0 and up',**

**'6.0 and up',**

**'7.0 and up',**

**'5.1 and up',**

**'4.3 and up',**

**'7.1 and up',**

**'7.0 - 7.1.1',**

**'8.0 and up',**

**'4.1 - 7.1.1',**

**'5.0 - 6.0',**

**'5.0 - 7.1.1');**

Displaying the top 10 rows for brevity.

**Table

Description automatically generated with low confidence**

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

Query:

|  |  |
| --- | --- |
| **Free apps:**  **SELECT**  **COUNT(DISTINCT (app))**  **FROM**  **apps**  **WHERE**  **price = 0;** | Paid apps:  **SELECT**  **COUNT(DISTINCT (app))**  **FROM**  **Apps**  **WHERE**  **price != 0;** |

**There are 8885 free apps and 753 paid apps in the dataset**

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

Query:

**SELECT**

**\***

**FROM**

**apps**

**WHERE**

**category = 'Dating'**

**ORDER BY reviews DESC**

**LIMIT 1;**

**Zoosk Dating App: Meet Singles is the best-reviewed app with 516917 reviews**.

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.**

**Query:**

|  |  |
| --- | --- |
| **Positive** | **Negative** |
| **SELECT**  **COUNT(\*)**  **FROM**  **play\_store\_apps.reviews**  **WHERE**  **app = '10 Best Foods for You'**  **AND sentiment = 'Positive';** | **SELECT**  **COUNT(\*)**  **FROM**  **play\_store\_apps.reviews**  **WHERE**  **app = '10 Best Foods for You'**  **AND sentiment = 'Negative';** |

**There are 79 positive sentiment and 5 negative sentiment reviews for '10 Best Foods for You' app.**

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

**Query:**

**SELECT**

**\***

**FROM**

**play\_store\_apps.reviews\_1**

**WHERE**

**app = 'ASUS SuperNote'**

**AND sentiment\_polarity = 1**

**AND sentiment\_subjectivity = 1;**

****

**There is only 1 comment with 1 sentiment polarity and sentiment subjectivity for asus supernote app**

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

**Query:**

**SELECT**

**\***

**FROM**

**play\_store\_apps.reviews**

**WHERE**

**app = 'Abs Training-Burn belly fat'**

**AND sentiment = 'Neutral';**

**Text

Description automatically generated with low confidence**

**There are 5 neutral sentiment reviews for the app Abs Training-Burn Belly Fat**

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

**Query:**

**SELECT**

**\***

**FROM**

**play\_store\_apps.reviews**

**WHERE**

**app = 'Adobe Acrobat Reader'**

**AND sentiment = 'Negative';**

**A picture containing text

Description automatically generated**

**There are 20 negative sentiment reviews for adobe acrobat reader app.**