# NAME: KANCHAN SANTOSH KAD.

# PROJECT: STUDENT SOCIAL MEDIA ADDICTION ANALYSIS.

# Dataset: https://www.kaggle.com/datasets/pratyushpuri/students-social-media-addiction/data

# Table: student\_smdata

The table 'student\_smdata' contains information about students' social media usage, mental health, academic performance, and other related attributes. Below are the columns:

1. Student\_ID (int) – Unique identifier for each student.  
2. Age (int) – Age of the student.  
3. Gender (text) – Gender of the student.  
4. Academic\_Level (text) – Academic level (e.g., Undergraduate, Postgraduate).  
5. Country (text) – Country of the student.  
6. Avg\_Daily\_Usage\_Hours (double) – Average daily usage of social media (in hours).  
7. Most\_Used\_Platform (text) – The most used social media platform by the student.  
8. Affects\_Academic\_Performance (text) – Whether social media affects their academics.  
9. Sleep\_Hours\_Per\_Night (double) – Average sleep hours per night.  
10. Mental\_Health\_Score (int) – Score representing mental health status.  
11. Relationship\_Status (text) – Relationship status of the student.  
12. Conflicts\_Over\_Social\_Media (int) – Number of conflicts due to social media.  
13. Addicted\_Score (int) – Score representing level of addiction to social media.

# SQL Queries:

## 1] select \* from student\_smdata limit 5;

This query retrieves the first 5 rows from the table student\_smdata.

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## 2] select Count(distinct student\_ID) from student\_smdata;

This query counts the total number of unique students in the table using the Student\_ID column.

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## 3] select Avg(Addicted\_Score) from student\_smdata;

This query calculates the average value of the Addicted\_Score column for all students.

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## 4] select Country, sum(Mental\_Health\_Score) as Health\_Score from student\_smdata group by Country order by Health\_Score desc limit 10;

This query groups students by Country, calculates the total Mental\_Health\_Score for each country, sorts the result in descending order of Health\_Score, and shows the top 10 countries.

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## 5] select Gender, count(Student\_ID) from student\_smdata group by Gender;

This query groups students by Gender and counts the number of students in each gender group.

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## 6] select Most\_Used\_Platform, count(Student\_ID) from student\_smdata group by Most\_Used\_Platform limit 5;

This query groups students by their most used social media platform, counts the number of students per platform, and displays the top 5 platforms.

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## 7] select Relationship\_Status, count(Student\_ID) from student\_smdata group by Relationship\_Status;

This query groups students by Relationship\_Status and counts the number of students in each status.

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## 8] select Age, count(Student\_ID) as Total\_Student from student\_smdata group by Age order by Total\_Student desc;

This query groups students by Age, counts the number of students per age, and orders the result in descending order of Total\_Student.

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## 9] select Academic\_Level, avg(Addicted\_Score) from student\_smdata group by Academic\_Level;

This query groups students by Academic\_Level and calculates the average Addicted\_Score for each academic level.

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## 10] SELECT Affects\_Academic\_Performance, COUNT(\*) AS Student\_Count FROM student\_smdata GROUP BY Affects\_Academic\_Performance;

This query groups students by whether social media affects their academic performance and counts the number of students for each response.

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## 11] SELECT Student\_ID, Addicted\_Score, Avg\_Daily\_Usage\_Hours, Most\_Used\_Platform FROM student\_smdata ORDER BY Addicted\_Score DESC LIMIT 10;

This query retrieves the top 10 students with the highest Addicted\_Score, along with their daily usage hours and most used platform.

