

# SQL Personality Analysis Mini Project

## Exploration & Aggregation

1. How many records are there in the dataset?
2. How many distinct personality types are present?
3. How many people belong to each personality type?
4. What is the average social\_energy score for each personality type?
5. What is the highest empathy score recorded in the dataset?
6. What is the average empathy, creativity, and leadership score for each personality type?

## Sorting & Grouping

7. Which personality type has the highest average risk\_taking score?
8. What are the top 5 personality\_type and creativity combinations with the highest creativity scores?
9. Show the average stress\_handling for each personality type, but only include those where average is above 5.

## Filtering & Conditions

10. How many individuals have a deep\_reflection score greater than 8?
11. How many individuals have both routine\_preference and planning above 7?
12. Find all individuals where public\_speaking\_comfort is below 4 and leadership is above 7.
13. What's the average gadget\_usage for individuals with online\_social\_usage greater than 8?

## String & Basic Math Functions

14. Show personality types in uppercase along with average emotional\_stability.
15. Round the average of decision\_speed and stress\_handling for each personality type to 2 decimal places.
16. What is the length of each personality\_type string and how often do they occur?

## Simple Analytics

17. Which personality type has the highest average adventurousness?
18. What are the average scores for reading\_habit, travel\_desire, and sports\_interest by personality type?
19. What is the total sum of excitement\_seeking scores for all Extroverts?
20. Compare average work\_style\_collaborative between Introverts and Extroverts.