**DATABASE WEEK 3 ASSIGNMENT**

* 1. Total Spent per Category: Write a query to find the total amount you spent in each category (Groceries, Entertainment, etc.). Hint: Use GROUP BY category and SUM(amount).

USE expense\_tracker;

SELECT category, SUM(amount) AS total\_expense\_per\_category

FROM expenses

GROUP BY category;

* 1. Average Expense per Category: Now, let's see the average cost for each category. Write a query to find the average expense amount for each category. Hint: Use GROUP BY category and AVG(amount).

USE expense\_tracker;

SELECT category, AVG(amount)

FROM expenses

GROUP BY Category;

Are you curious about your top spending categories? Modify your query from Challenge 1 to show only the top 3 (or a chosen number) categories where you spend the most.

USE expense\_tracker;

SELECT category, MAX(amount) AS top\_spending

FROM expenses

GROUP BY Category

LIMIT 3;