**Analysis of the SQL Task**

**Overview of the task :**

I was given a task for the SQL based solution for managing the transaction system.

**Process**

* Create the database
* Create the required tables.
* Insert values in the tables.
* Writing the SQL Queries.

1. Retrieving the transactions of a specific user.
2. Calculate the total amount spent by user in a specific month.
3. Get the balance of each account for a user.
4. Listing all transactions by category.
5. Find the average spending per category.

**Analysis**

Based on my Data the analysis is :

Insights:

1. Highest Expenditure Category:

The category with the highest expenditure is Rent, with an expenditure of 500.00.

1. Total Monthly Expenditure:

In May 2024 , hritick spent a total of 800.00.

1. Account Balances:

Checking Account Balance: 1500.00

Savings Account Balance: 5000.00

1. Average Spending per Category:

Groceries: 100.00

Utilities: 50.00

Entertainment: 150.00

Rent: 500.00

**Monthly Savings :**

Assuming that the monthly income is 3000 and monthly average expense is calculated as 800 so monthly savings will be around 2200.