**Requirements**

1. What is the structure of the coffee\_shop\_sales table, including column names and data types?
2. Convert the transaction\_date column to the proper **DATE format (DD-MM-YYYY → YYYY-MM-DD)**?
3. Modify the transaction\_date column to store values in the correct DATE data type?
4. Convert the transaction\_time column to a **proper TIME format ?**
5. Modify the transaction\_time column to store values in the correct TIME data type?
6. Verify that the **table structure and data types** are correct after making modifications?
7. fix the encoding issue in the transaction\_id column and remove unwanted characters?

Problem statement

Sales KPIs

1. What is the total sales revenue generated in the coffee shop?
2. How much total sales revenue was generated in the month of May?
3. What is the monthly sales revenue for the first six months of the year?
4. What is the average sales revenue per transaction in the year 2023?
5. In which store locations was Hot Chocolate sold?

Orders KPIs

1. How many total orders were placed in May?
2. What is the monthly order count for the first six months of the year?
3. How many total orders were placed in the Bakery category?

Quantity Sold KPIs

1. What is the total quantity of items sold in the coffee shop?
2. How much quantity of items was sold in each month for the first six months?

Sales Trend Analysis

1. What were the total sales revenue, total quantity sold, and total orders on January 18, 2023?
2. What is the overall average sales revenue in the coffee shop?
3. How does daily sales performance in February compare to the average sales for the month?
4. What was the day-wise total sales revenue for April and May?

Sales Breakdown

1. What is the total sales revenue by product category?
2. What is the total sales revenue by store location?
3. Which store location had the maximum sale in March?
4. Which product category had the highest sales in January?