

# Retail Sales Analysis - Case Study

## Problem Statements

1. Write a SQL query to retrieve all columns for sales made on '2022-11-05':
2. Write a SQL query to retrieve all transactions where the category is 'Clothing' and the quantity sold is more than 4 in the month of Nov-2022:
3. Write a SQL query to calculate the total sale (net\_sale) and total orders for each category.:
4. Write a SQL query to find the average age of customers who purchased items from the 'Beauty' category.:
5. Write a SQL query to find all transactions where the total\_sale is greater than 1000.:
6. Write a SQL query to find the total number of transactions (transaction\_id) made by each gender in each category.:
7. Write a SQL query to calculate the average sale for each month. Find out bestselling month in each year:
8. Write a SQL query to find the top 5 customers based on the highest total sales:
9. Write a SQL query to find the number of unique customers who purchased items from each category:
10. Write a SQL query to create each shift and number of orders (Example Morning <12, Afternoon Between 12 & 17, Evening >17):