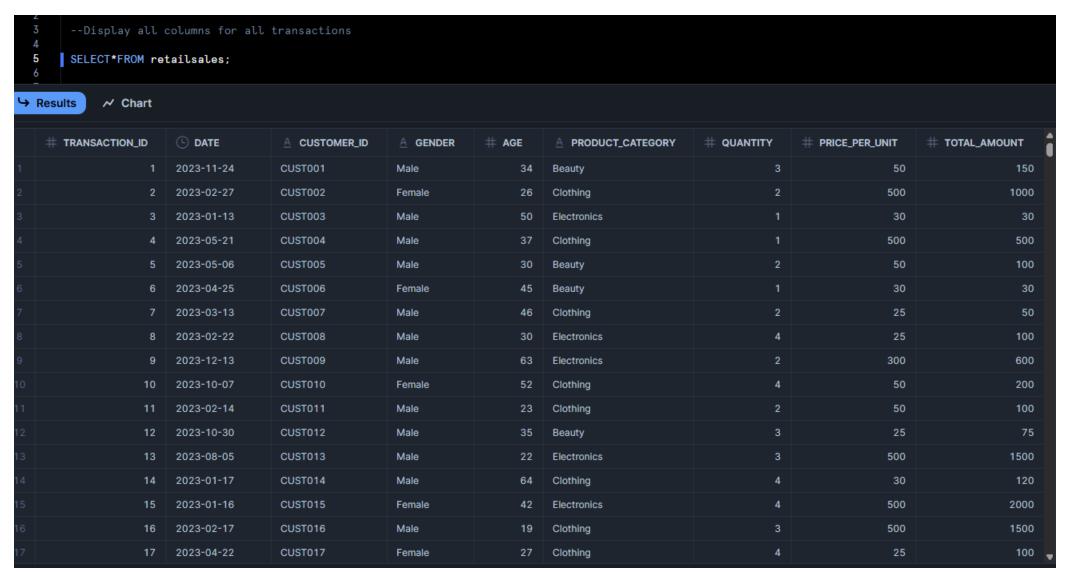
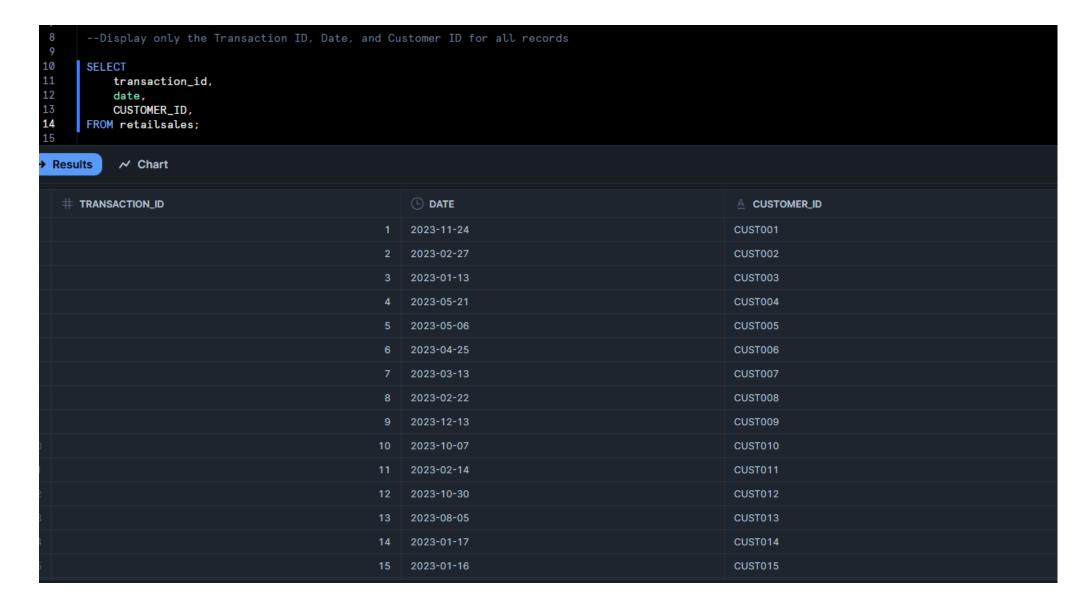
Practical Exercise 1

SQL on Snowflake

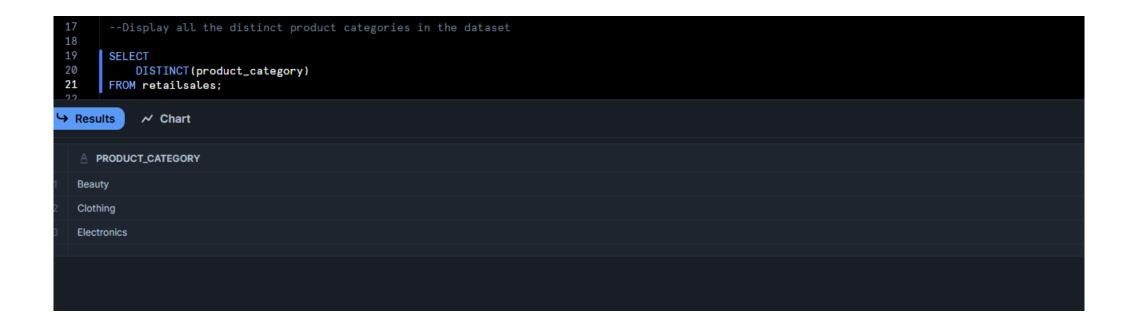
1. Display all columns for all transactions



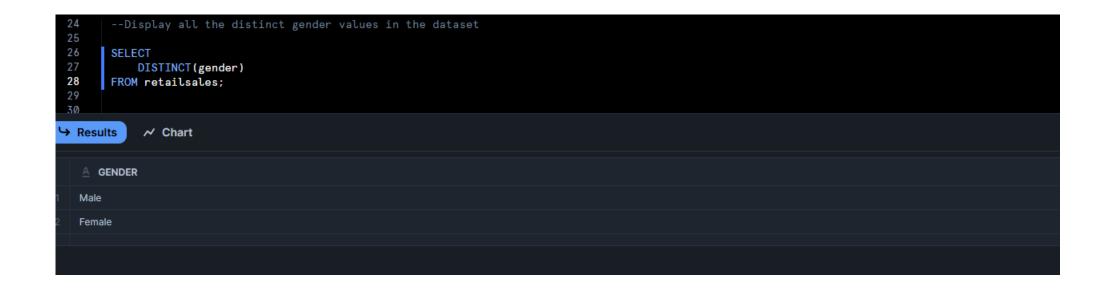
2. Display only the Transaction ID, Date, and Customer ID for all records



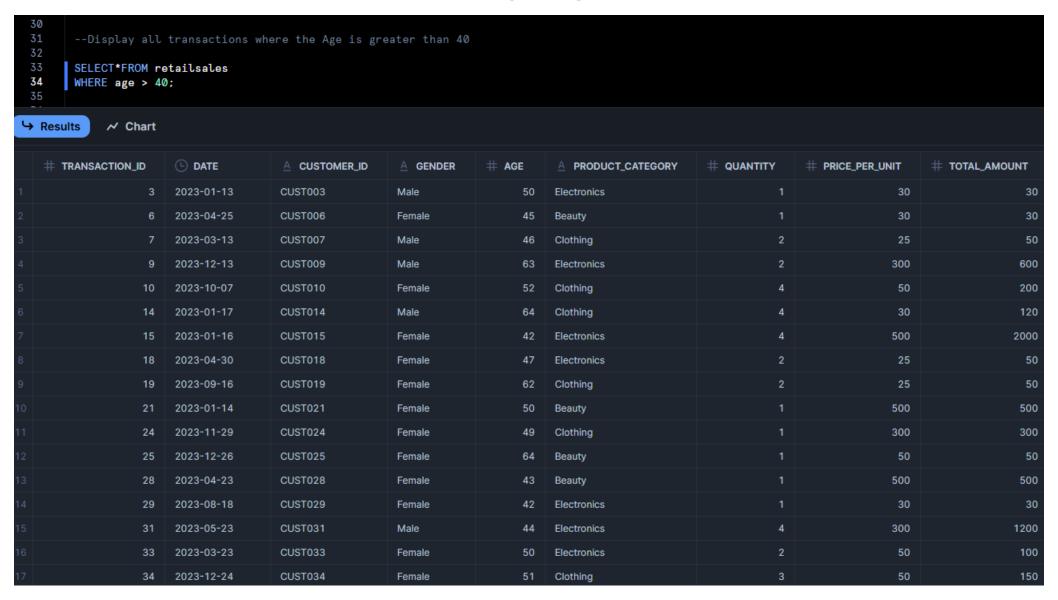
3. Display all the distinct product categories in the dataset.



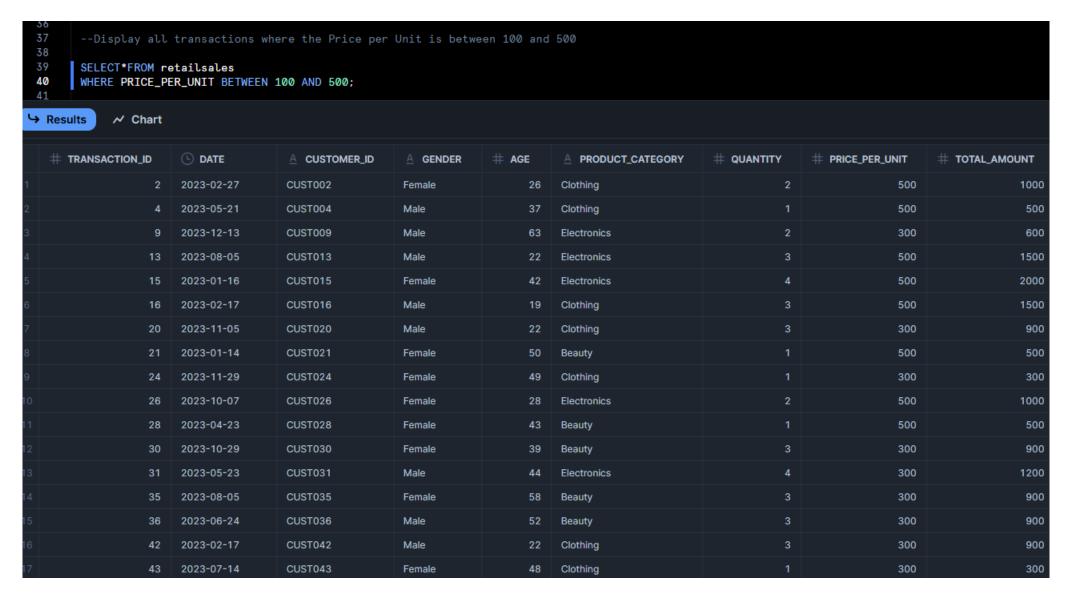
4. Display all the distinct gender values in the dataset



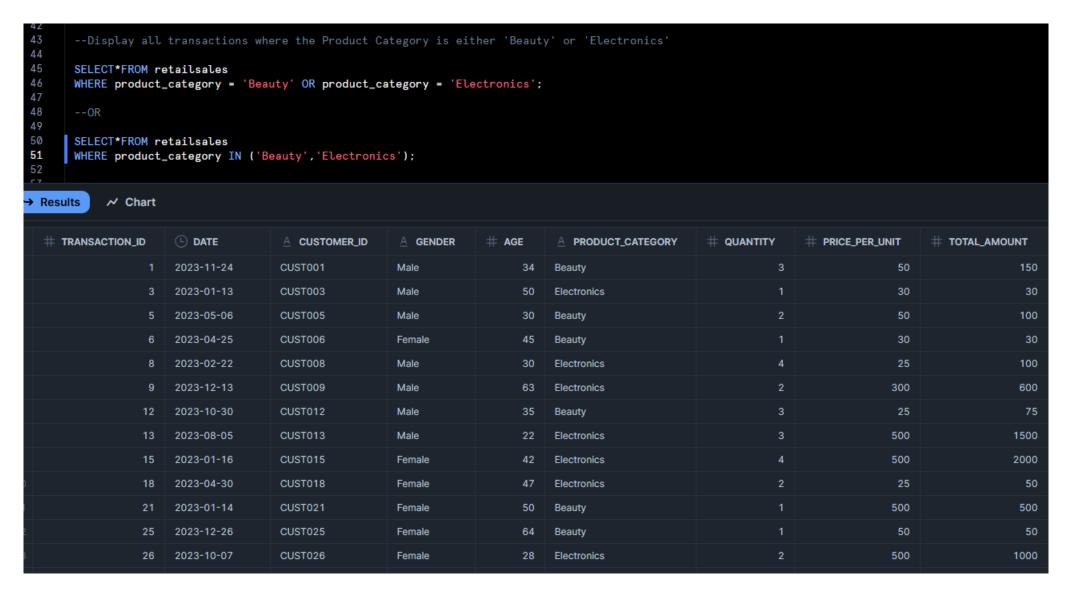
5. Display all transactions where the Age is greater than 40



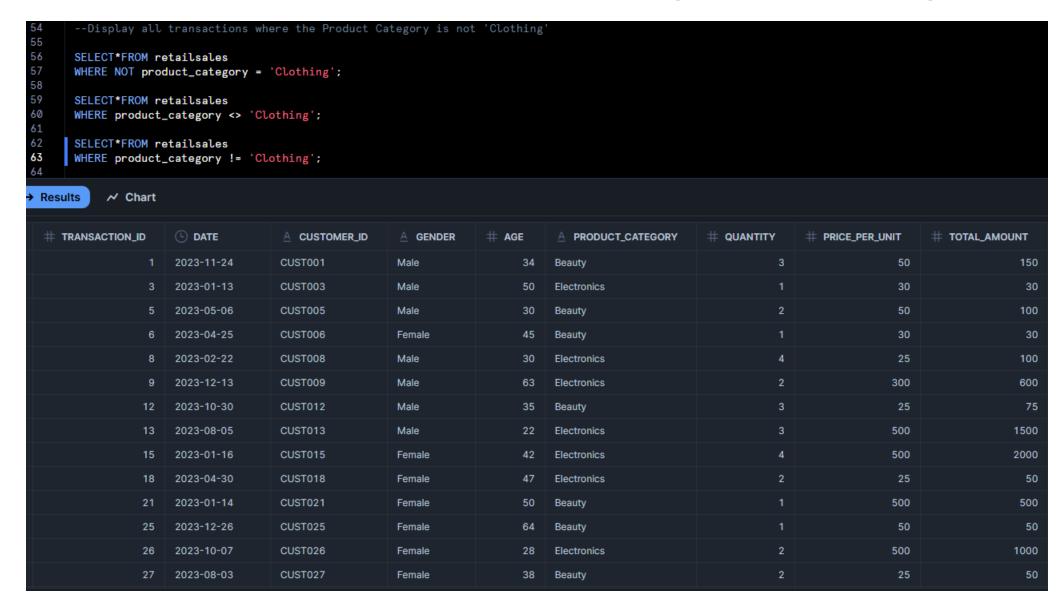
6. Display all transactions where the Price per Unit is between 100 and 500



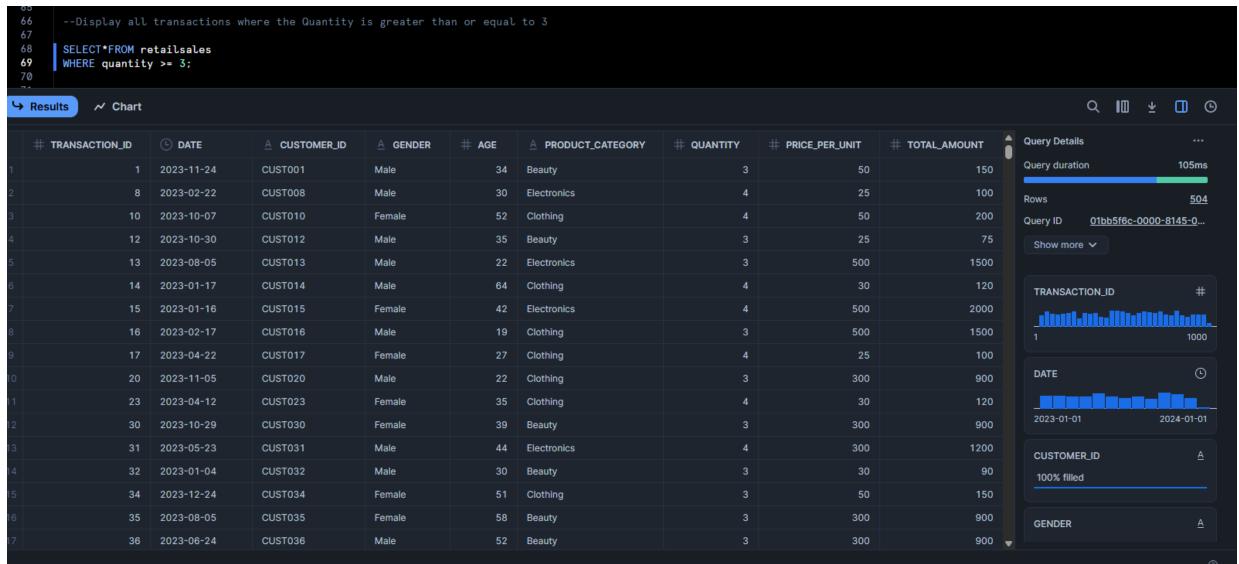
7. Display all transactions where the Product Category is either 'Beauty' or 'Electronics'



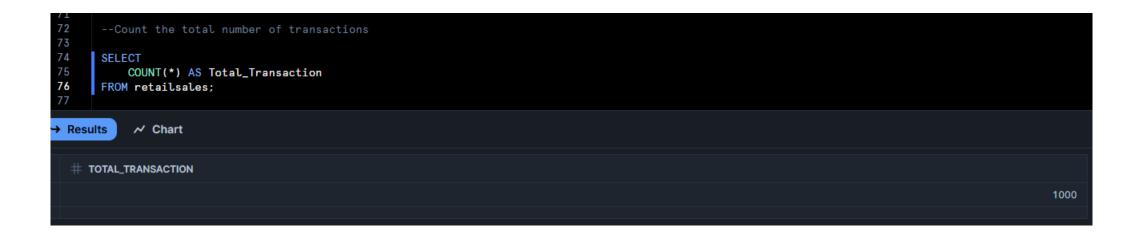
8. Display all transactions where the Product Category is not 'Clothing'.



9. Display all transactions where the Quantity is greater than or equal to 3



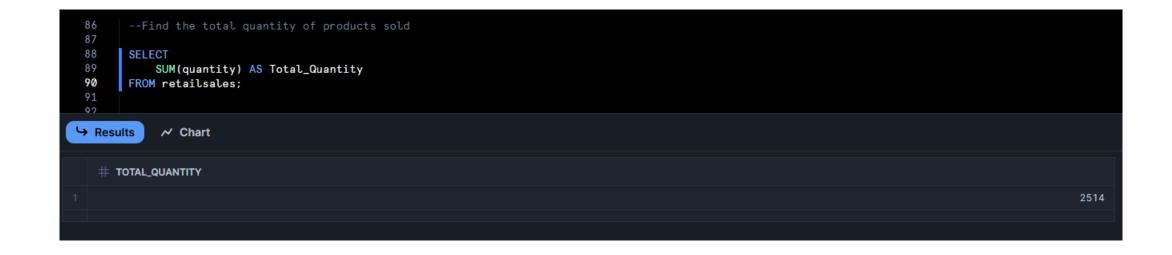
10. Count the total number of transactions



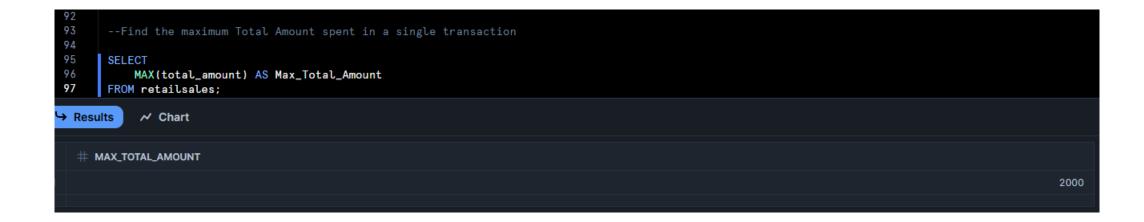
11. Find the average Age of customers



12. Find the total quantity of products sold



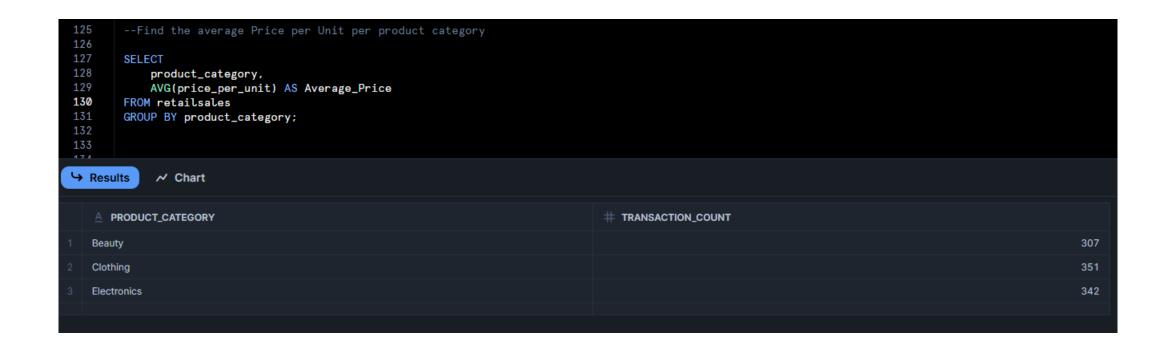
13. Find the maximum Total Amount spent in a single transaction



14. Find the minimum Price per Unit in the dataset



15. Find the number of transactions per Product Category.



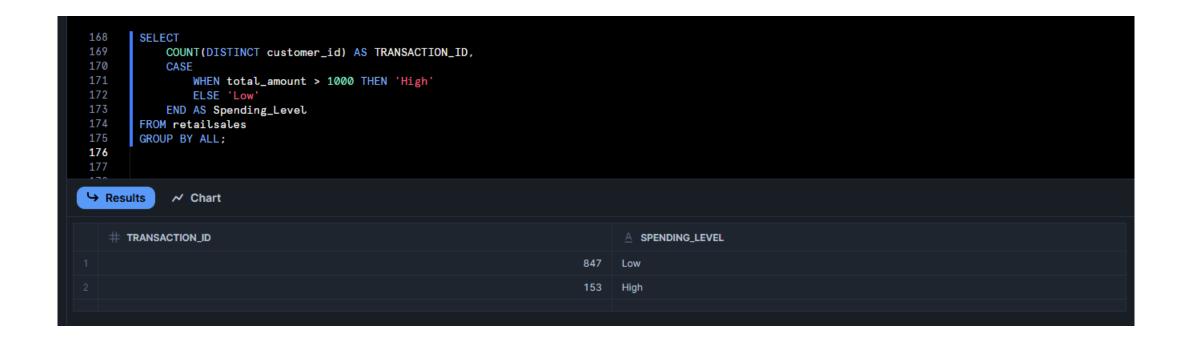
16. Find the total revenue per product category where total revenue is greater than 10,000



17. Find the average quantity per product category where the average is more than 2



18. Display a column called Spending_Level that shows 'High' if Total Amount > 1000, otherwise 'Low'



19. Display a new column called Age_Group that labels customers

