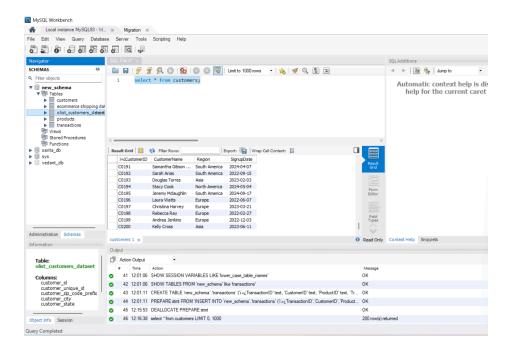
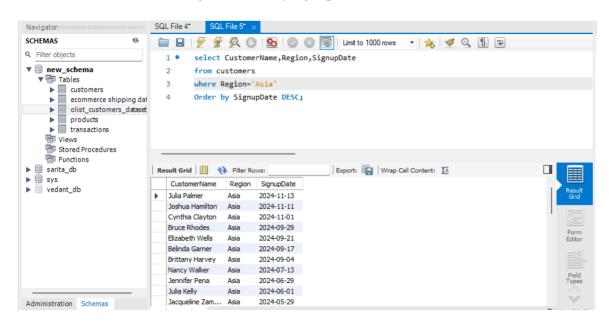
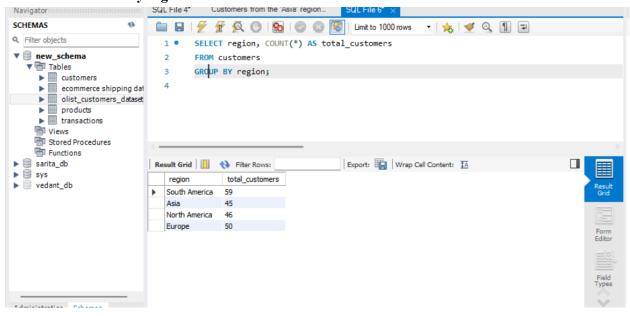
Checking the Customers Table:



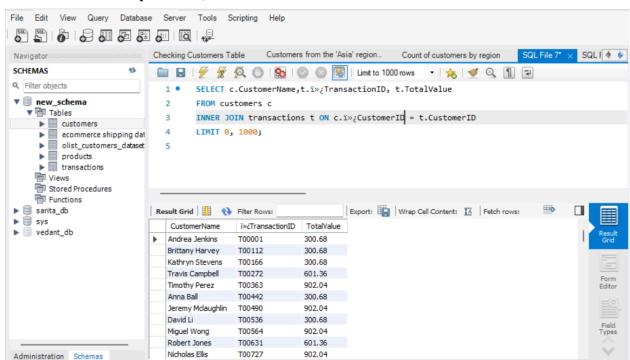
Customers from the 'Asia' region, sorted by signup date:



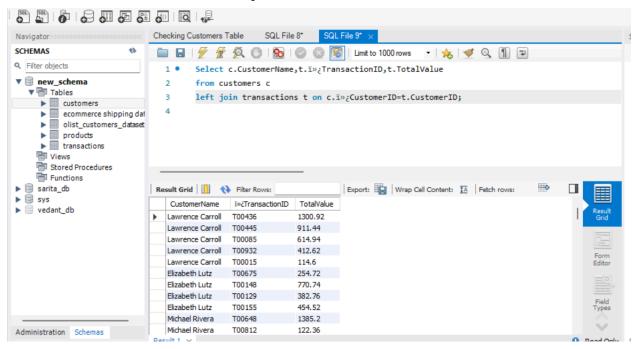
Count of customers by region:



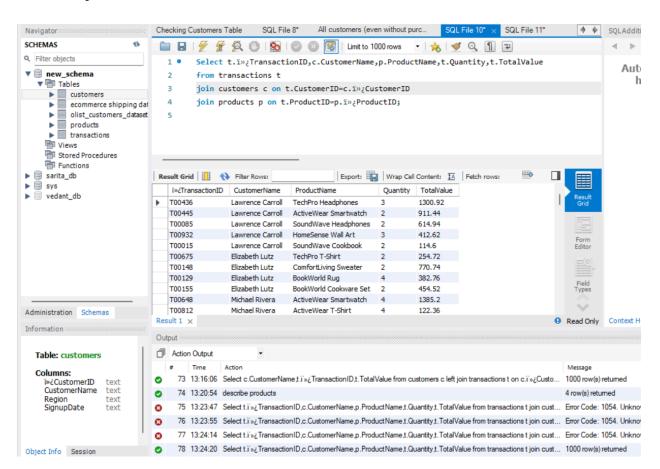
Customers with their purchases;



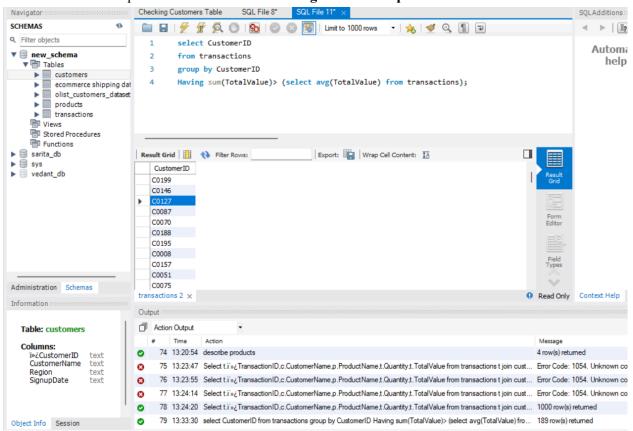
All customers, even those who haven't purchased:



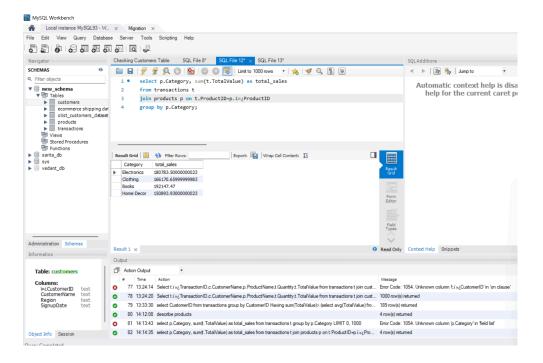
JOIN with product details:



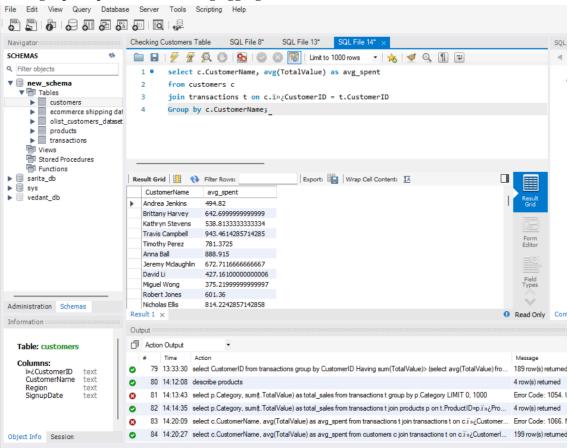
Customers who have purchased more than the average total value per transaction:



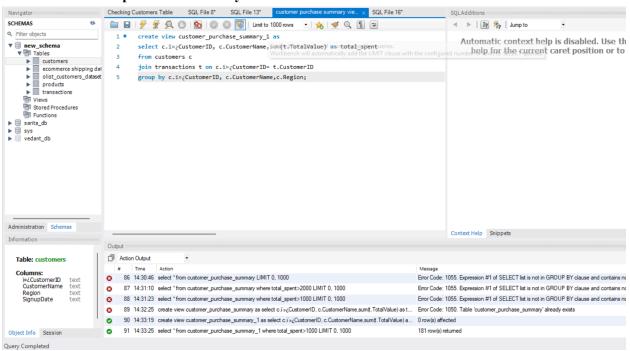
Total sales per product category using aggregate functions:



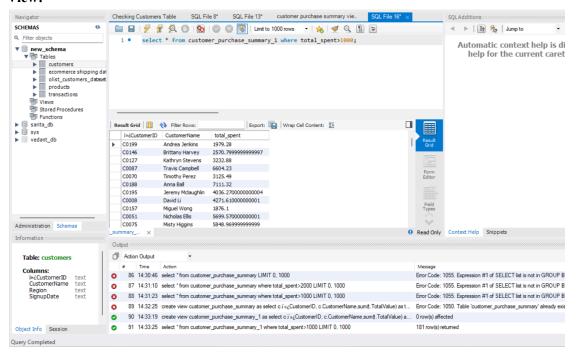
Average spend per customer using aggregate functions:



View for customer purchase summary:

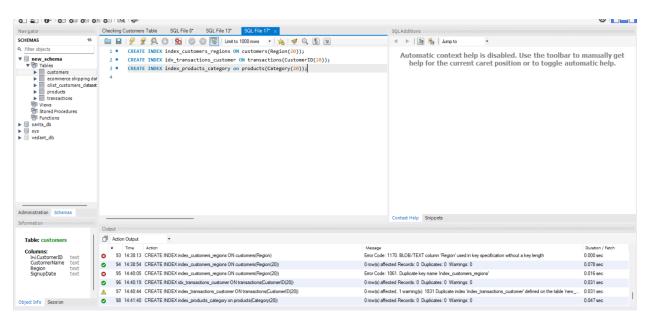


View:



Index Optimization:

- Customers Region index for Customers table
- Transactions with CustomerID index in transactions table
- Product Category for Products in transactions table



To check if the indexes are made:

