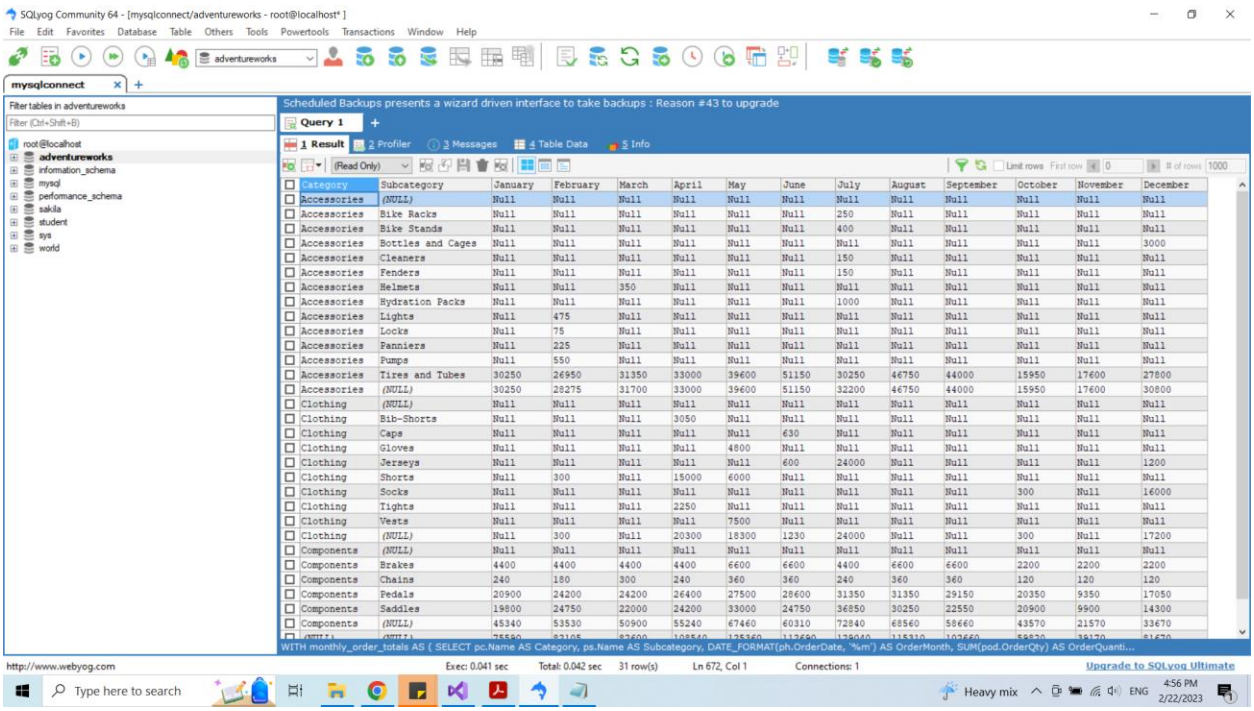

The extended SQL query builds on the existing query #4 and provides more detailed information about monthly order totals by including subcategories and their subtotals. The query uses a WITH clause to create an inline view named "monthly_order_totals" that joins several tables (PurchaseOrderDetail, PurchaseOrderHeader, Product, ProductSubcategory, and ProductCategory) to retrieve information about the order quantities for each product category and subcategory.

The SELECT statement includes the additional column "ps.Name AS Subcategory" to retrieve the name of the subcategory for each row in the result set, and modifies the GROUP BY clause to group the results by both Category and Subcategory.

The WHERE clause filters out summary rows with NULL values for both Category and Subcategory. The modified query then calculates the monthly order totals for each subcategory within each category by using the CASE statement to aggregate the order quantities by month.

Overall, this extended SQL query provides a more detailed breakdown of monthly order totals for each product category and subcategory, which can be useful for identifying which subcategories are driving the most sales and for analyzing trends in product sales over time.