PIZZA SALES ANALYSIS

Using SQL

PIZZA SALES ANALYSIS USING SQL

Data Insights from Pizza Sales Dataset

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OBJECTIVE

To explore and analyze pizza sales data using SQL queries to uncover business insights.

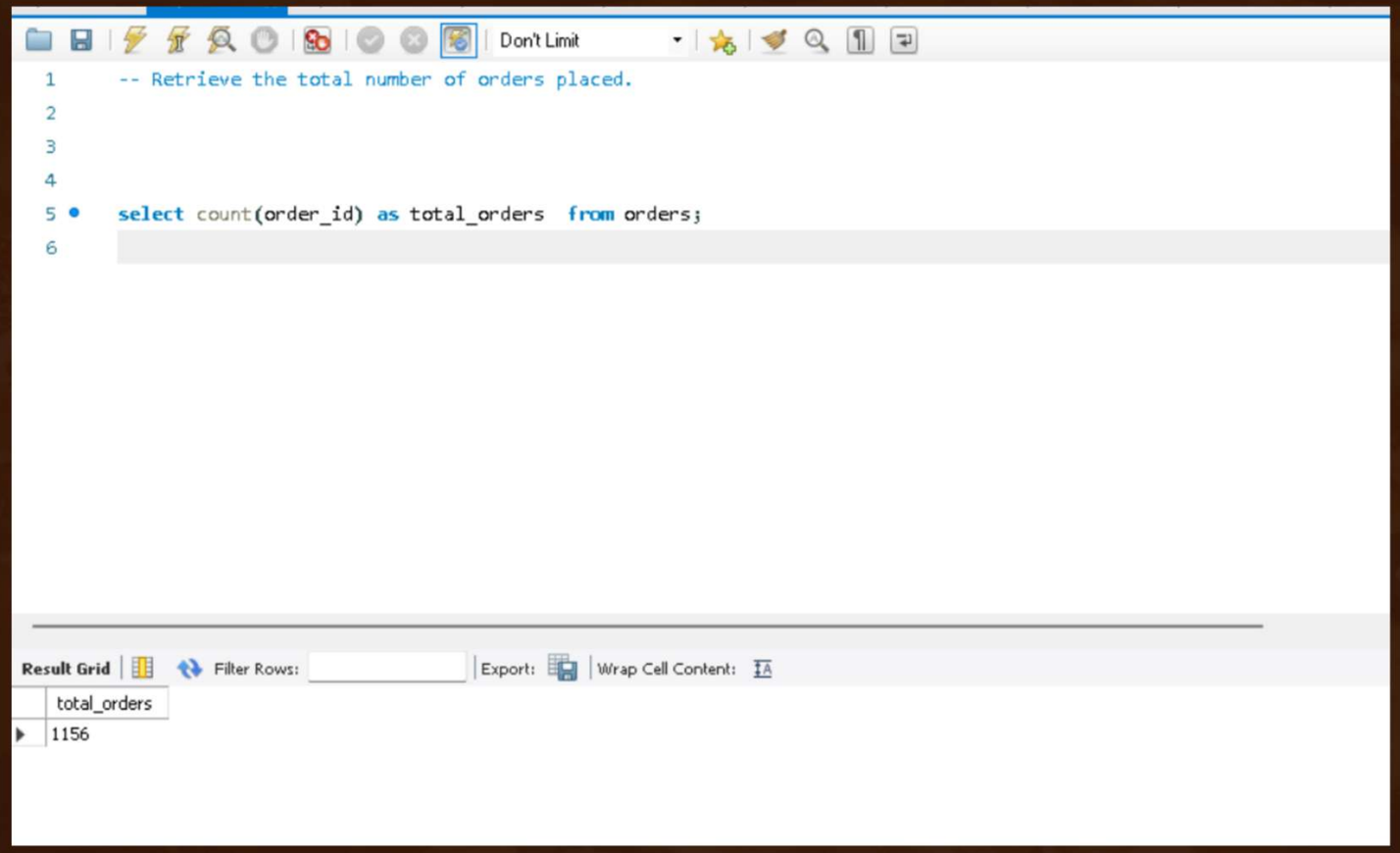
Tools Used:

- SQL (MySQL)
- Pizza Sales Dataset

DATABASE SCHEMA

- orders table (order_id, order_time, date)
- order_details table (order_id, pizza_id, quantity)
- pizzas table (pizza_id, name, size, price)
- pizza_types table (pizza_type_id, category, name)

RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.



CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

```sql
-- Calculate the total revenue generated from pizza sales.

SELECT
    ROUND(SUM(order_details.quantity * pizzas.price),
            2) AS total_revenue
FROM
    order_details
        JOIN
    pizzas ON pizzas.pizza_id = order_details.pizza_id
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

total_revenue
16590.45

ANALYZE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

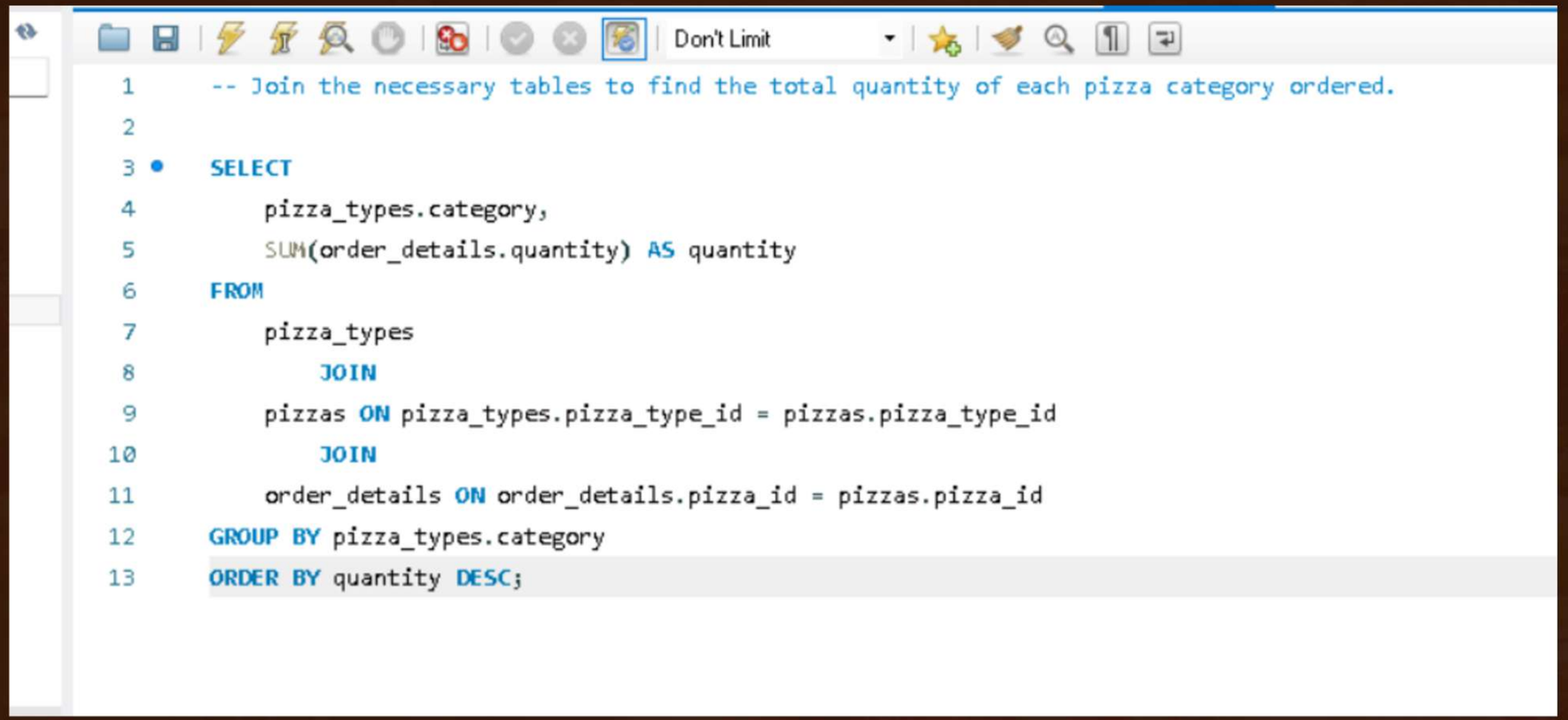
```sql
-- analyze the distribution of orders by hour of the day.


SELECT
    HOUR(order_time) AS hour, COUNT(order_id) AS order_count
FROM
    orders
GROUP BY HOUR(order_time);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

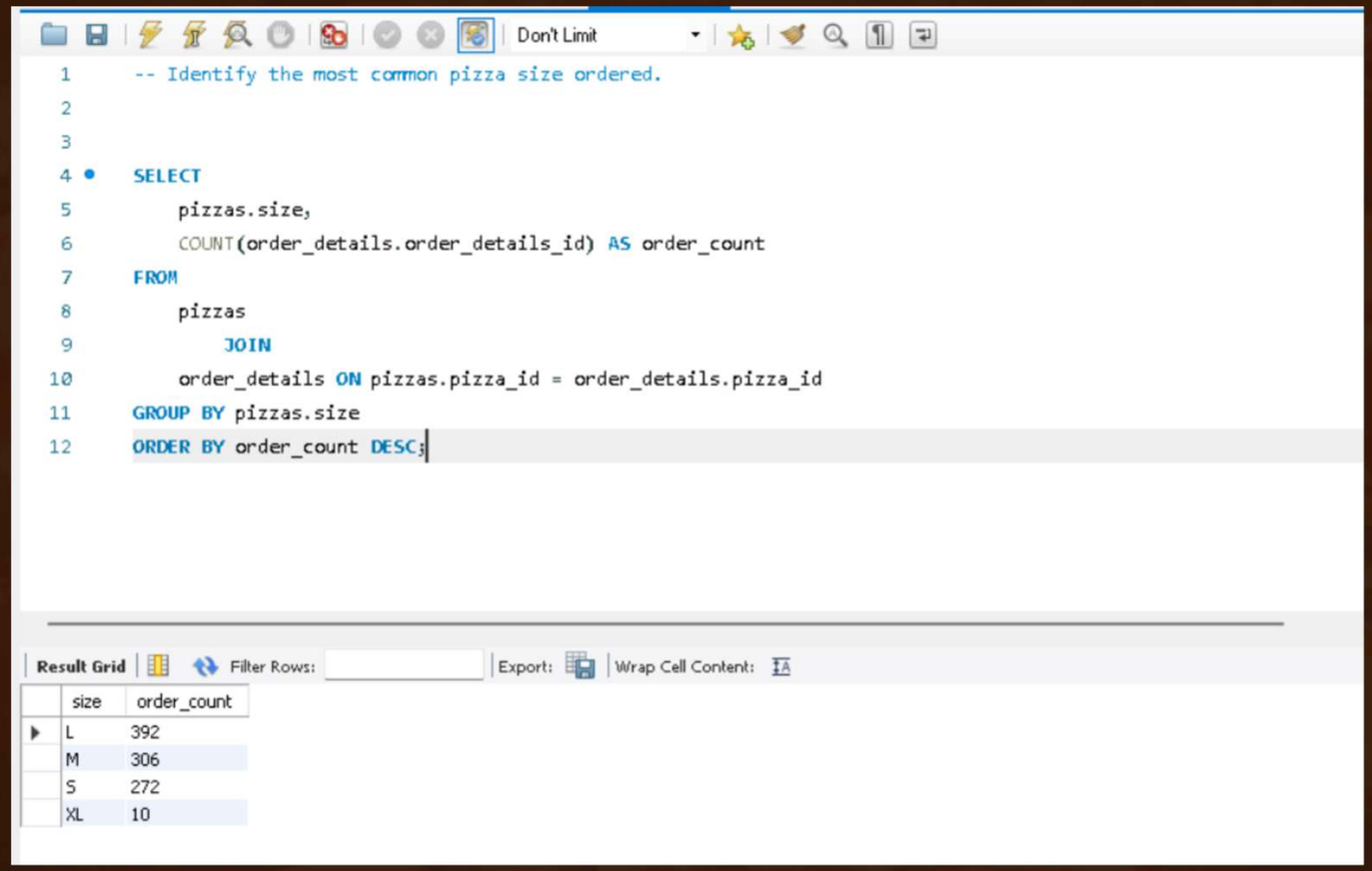
hour	order_count
14	101
15	85
16	99
17	130
18	127
19	111
20	80
21	57
22	34

Result 1

JOIN THE NECESSARY TABLES TO FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED.



IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.



```sql
-- Identify the most common pizza size ordered.


SELECT
    pizzas.size,
    COUNT(order_details.order_details_id) AS order_count
FROM
    pizzas
        JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizzas.size
ORDER BY order_count DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

size	order_count
L	392
M	306
S	272
XL	10

THANK YOU