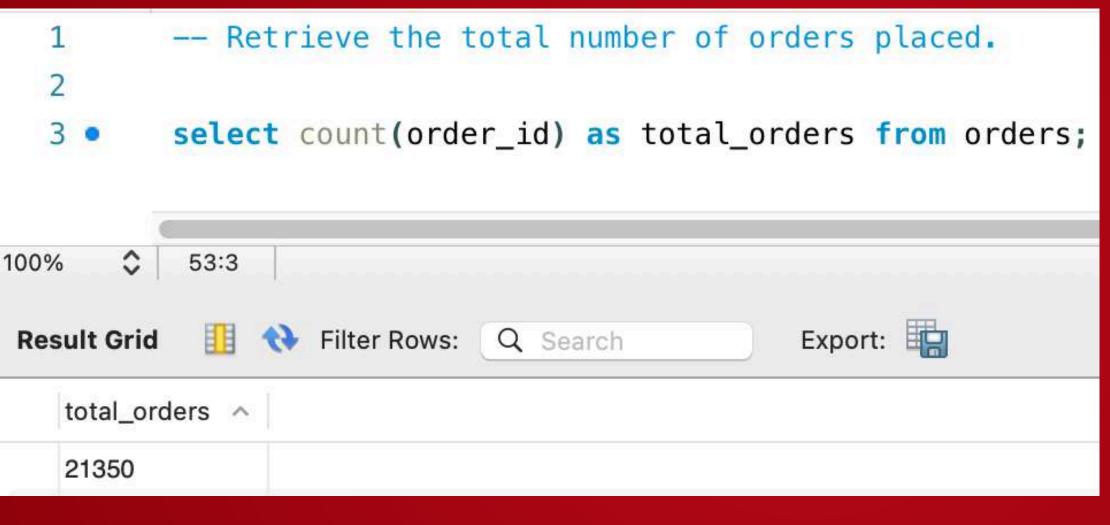




PIZZA SALES ANALYSIS (MYSQL)

This delicious deep-dive explores pizza sales data — from total orders to top sellers, hourly cravings, and revenue-rich pies. Using SQL, I sliced through the data to answer interesting questions. From basic stats to advanced revenue breakdowns, this report is a full-stack feast — perfect for anyone hungry for insights!

The total number of orders placed





The total revenue generated from pizza sales

```
-- 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;
 10
          56:9
100%
                                               Export:
                  Filter Rows: Q Search
Result Grid
   total_revenue
   817860.05
```



Identify the highest-priced pizza

```
-- Identify the highest-priced pizza.
        SELECT
             name, price
        FROM
             pizza_types
                 JOIN
             pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
        ORDER BY price DESC
         LIMIT 1;
 10
100%
           9:10
                                               Export:
            Filter Rows: Q Search
Result Grid
                                                           Fetch rows:
                price
   name
   The Greek Pizza 35.95
```



Identify the most common pizza size ordered

```
-- Identify the most common pizza size ordered
        SELECT
            pizzas.size,
            COUNT(order_details.order_details_id) AS size_order_count
        FROM
            pizzas
                 JOIN
            order_details ON pizzas.pizza_id = order_details.pizza_id
        GROUP BY pizzas.size
 10
 11
        ORDER BY size_order_count DESC
        LIMIT 1;
 12
 13
          1:13
100%
                                              Export:
           Filter Rows: Q Search
Result Grid
                                                         Fetch rows:
        size_order_count
        18526
```

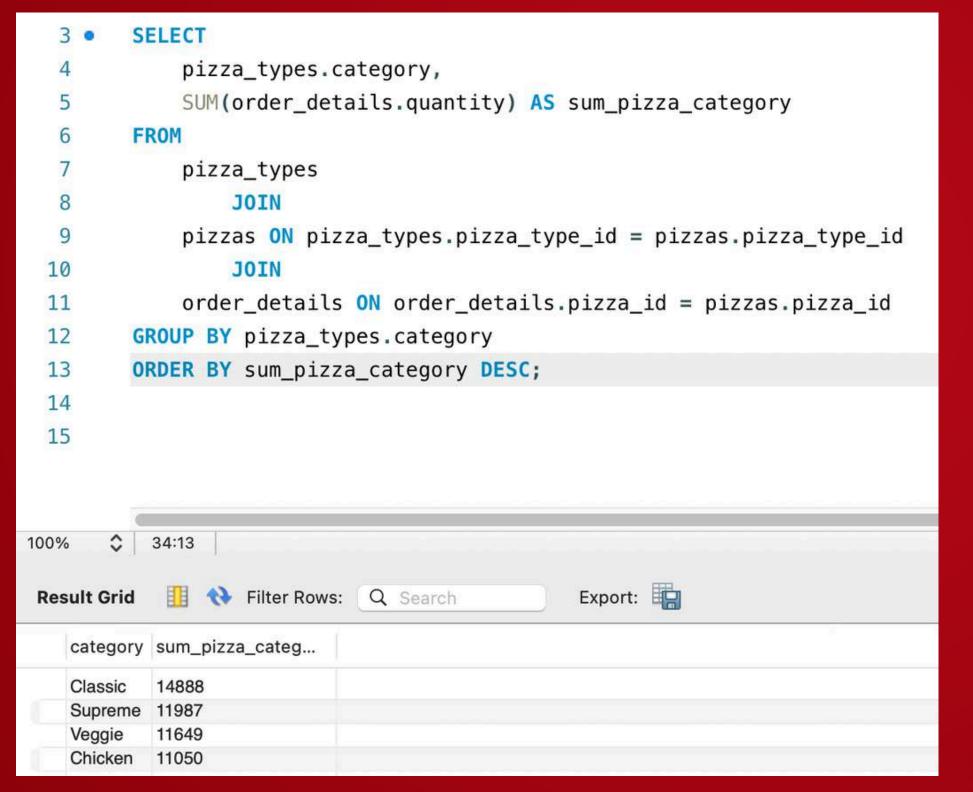


Top 5 most ordered pizza types along with their quantities

```
SELECT
             pizza_types.name,
             SUM(order_details.quantity) AS pizza_type_quantity
         FROM
             pizza_types
                  JOIN
             pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
                  JOIN
 10
             order_details ON order_details.pizza_id = pizzas.pizza_id
 11
 12
         GROUP BY pizza_types.name
 13
         ORDER BY pizza_type_quantity DESC
         LIMIT 5;
 14
 15
 16
100%
            Filter Rows: Q Search
                                                  Export:
Result Grid
                                                              Fetch rows:
                         pizza_type_quant...
   name
                         2453
   The Classic Deluxe Pizza
   The Barbecue Chicken Pizza 2432
   The Hawaiian Pizza
                         2422
   The Pepperoni Pizza
                         2418
   The Thai Chicken Pizza
                         2371
```

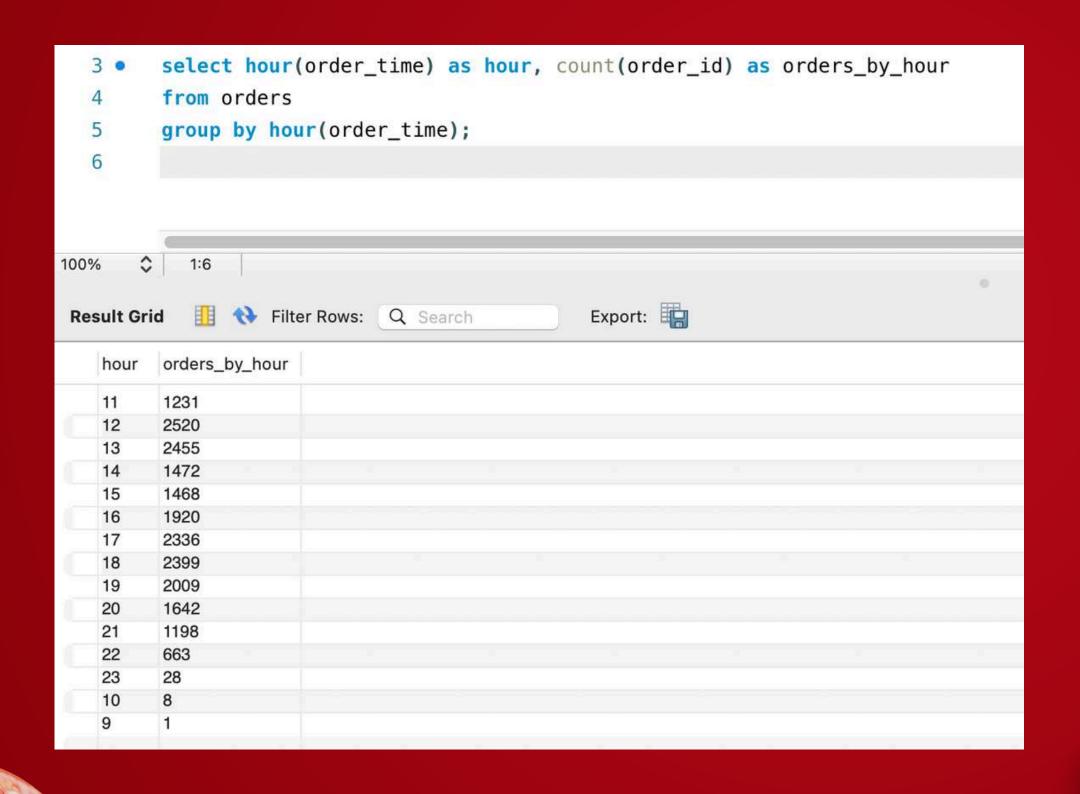


Join the necessary tables to find the total quantity of each pizza category ordered



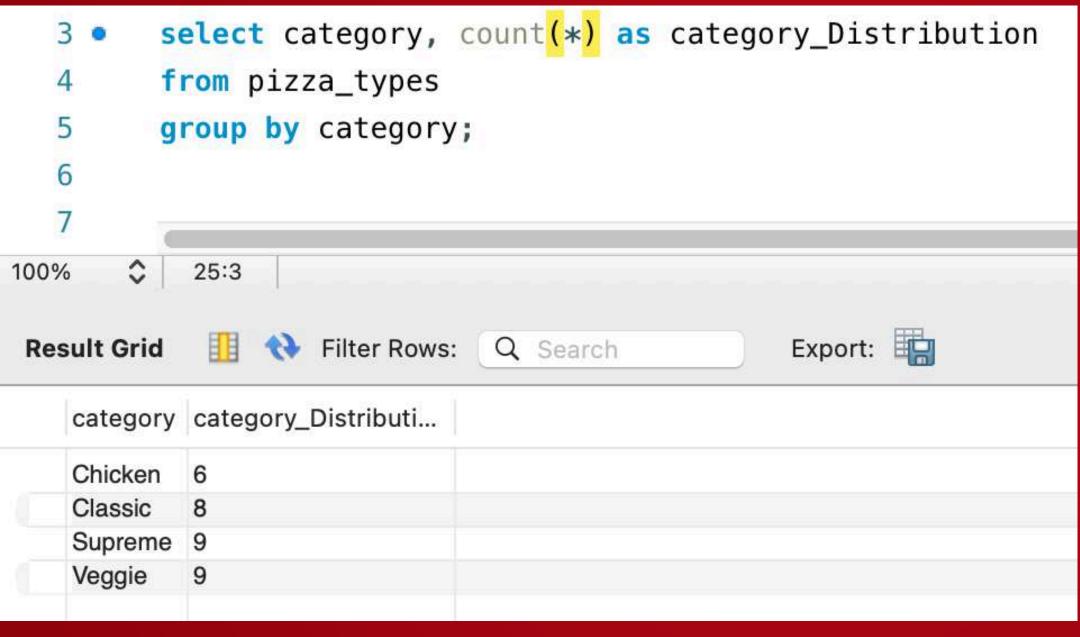


Determine the distribution of orders by hour of the day.



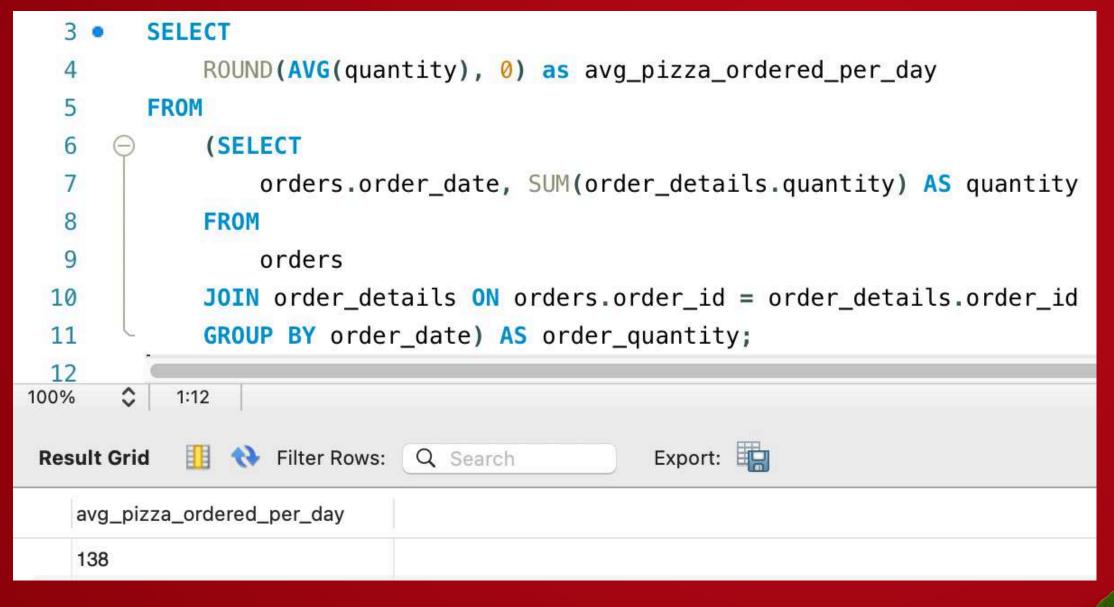


category-wise distribution of pizzas.



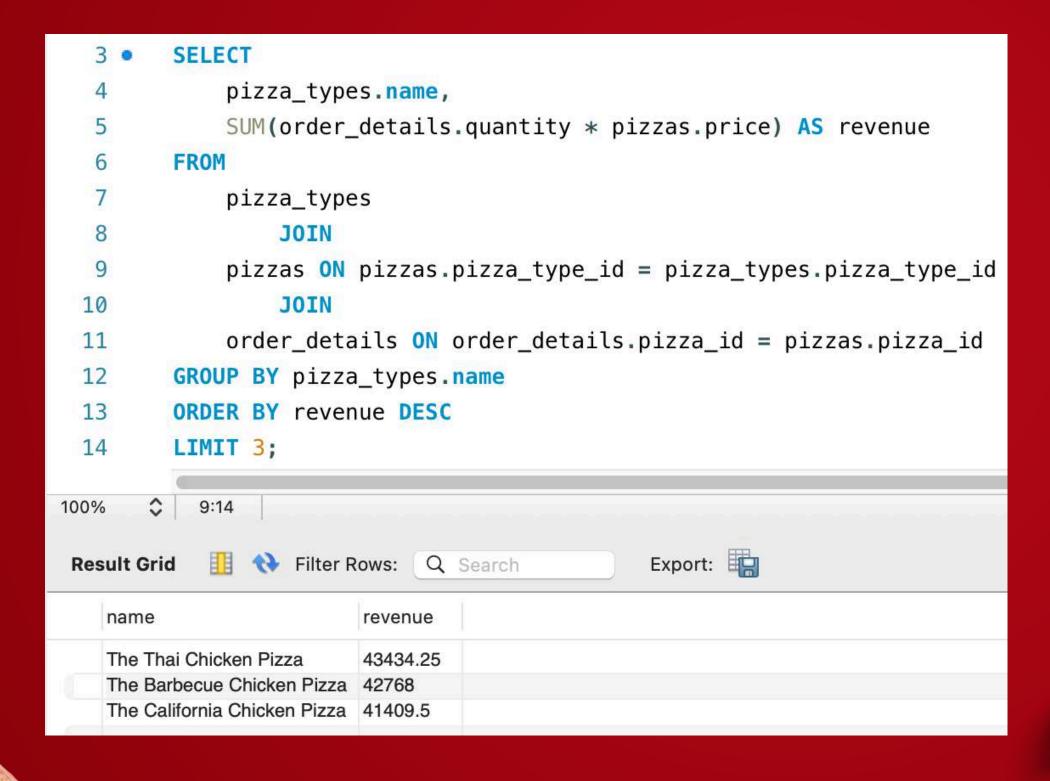


Group the orders by date and calculate the average number of pizzas ordered per day





Top 3 most ordered pizza types based on revenue



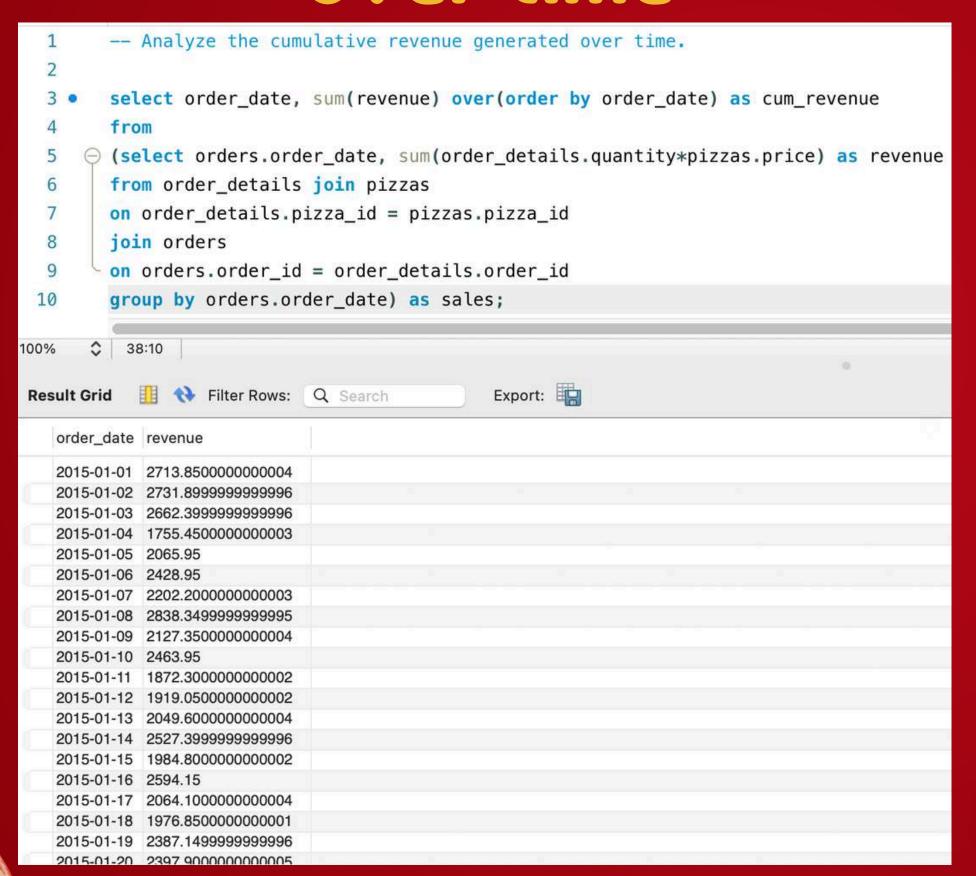


The percentage contribution of each pizza type to total revenue

```
SELECT
            pizza_types.category,
            ROUND((SUM(order_details.quantity * pizzas.price) / (SELECT
                             SUM(order_details.quantity * pizzas.price)
                         FROM
                             order_details
                                  JOIN
 10
                             pizzas ON pizzas.pizza_id = order_details.pizza_id)) * 100,
                     2) AS revenue
 11
 12
        FROM
 13
            pizza_types
                 JOIN
 14
            pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
 15
 16
                 JOIN
            order_details ON order_details.pizza_id = pizzas.pizza_id
 17
        GROUP BY pizza_types.category
 18
        ORDER BY revenue DESC;
 19
100%
         24:19
           Filter Rows: Q Search
                                              Export:
Result Grid
   category revenue
          26.91
   Classic
   Supreme 25.46
          23.96
   Chicken
   Veggie
          23.68
```



Cumulative revenue generated over time





Top 3 most ordered pizza types based on revenue for each pizza category

```
SELECT
            category,
            name,
            revenue

→ FROM (
            SELECT
 9
                category,
10
                name,
11
                 revenue,
12
                RANK() OVER(PARTITION BY category ORDER BY revenue DESC) AS ranks
            FROM (
13
14
                SELECT
15
                     pizza_types.category,
16
                     pizza_types.name,
                    SUM(order_details.quantity * pizzas.price) AS revenue
17
18
                FROM pizza_types
                JOIN pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
19
20
                JOIN order_details ON order_details.pizza_id = pizzas.pizza_id
21
                GROUP BY pizza_types.category, pizza_types.name
            ) AS a
        ) AS b
        WHERE ranks <= 3;
         7:23
                                               Export:
Result Grid
          Filter Rows: Q Search
                               revenue
  category name
                               43434.25
          The Thai Chicken Pizza
         The Barbecue Chicken Pizza 42768
         The California Chicken Pizza 41409.5
```



