



HELLO!

MY NAME IS GULFAM RAZA AND IN THIS PROJECT I HAVE UTILISE THE SQL QUERIES TO SOLVE A QUESTION THAT WERE RELATED TO PIZZA SALES.





MEET OUR CHEF





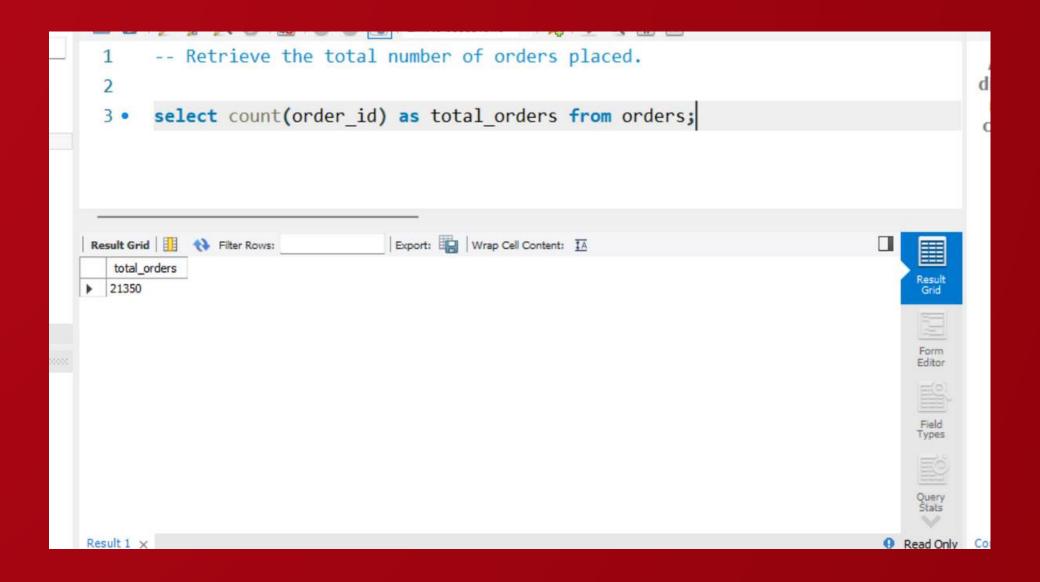


CHIDI EZE

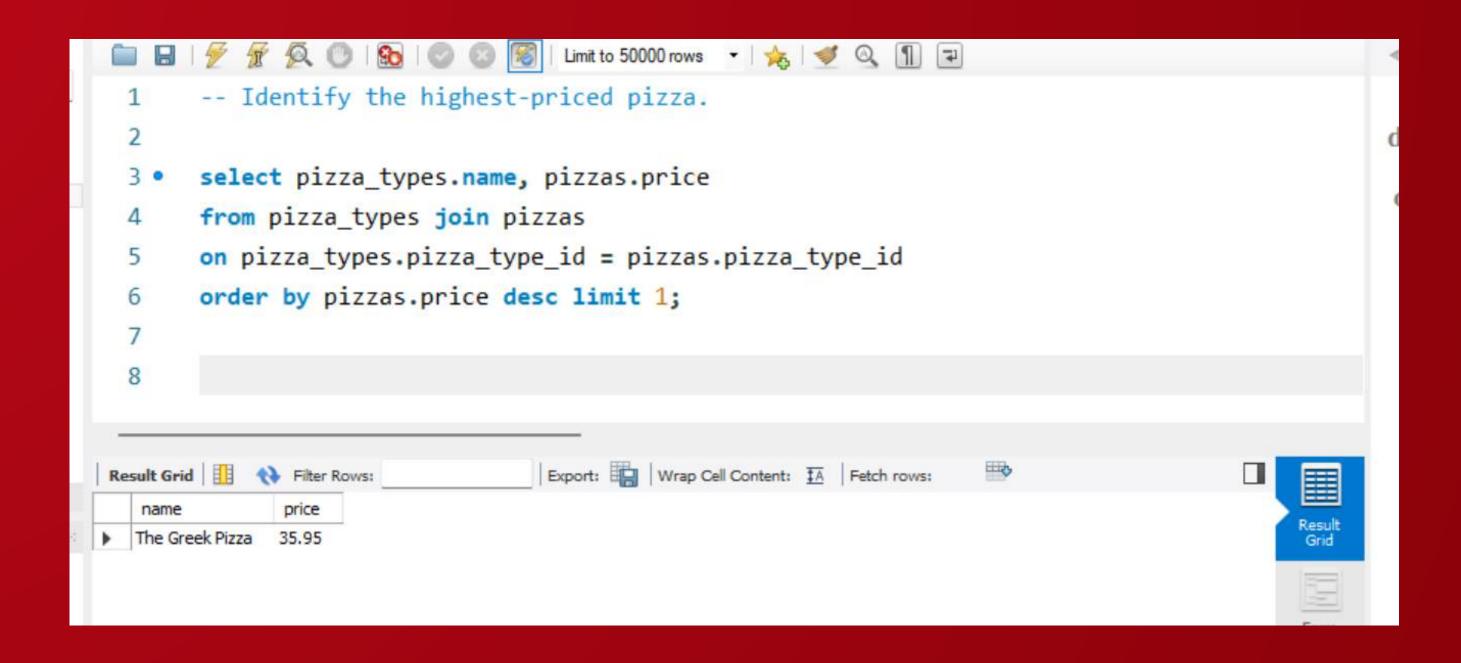


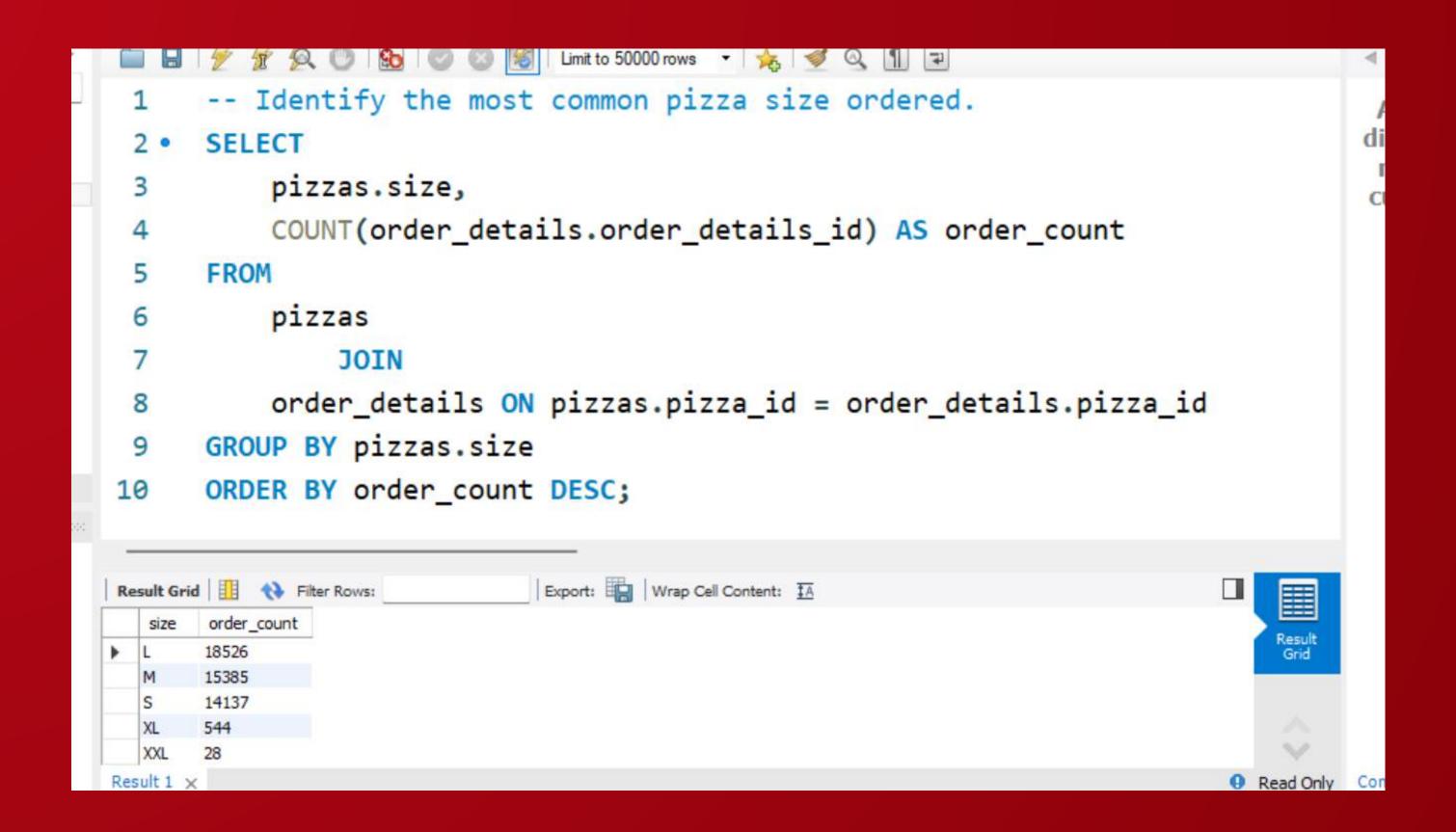
TEDDY YU

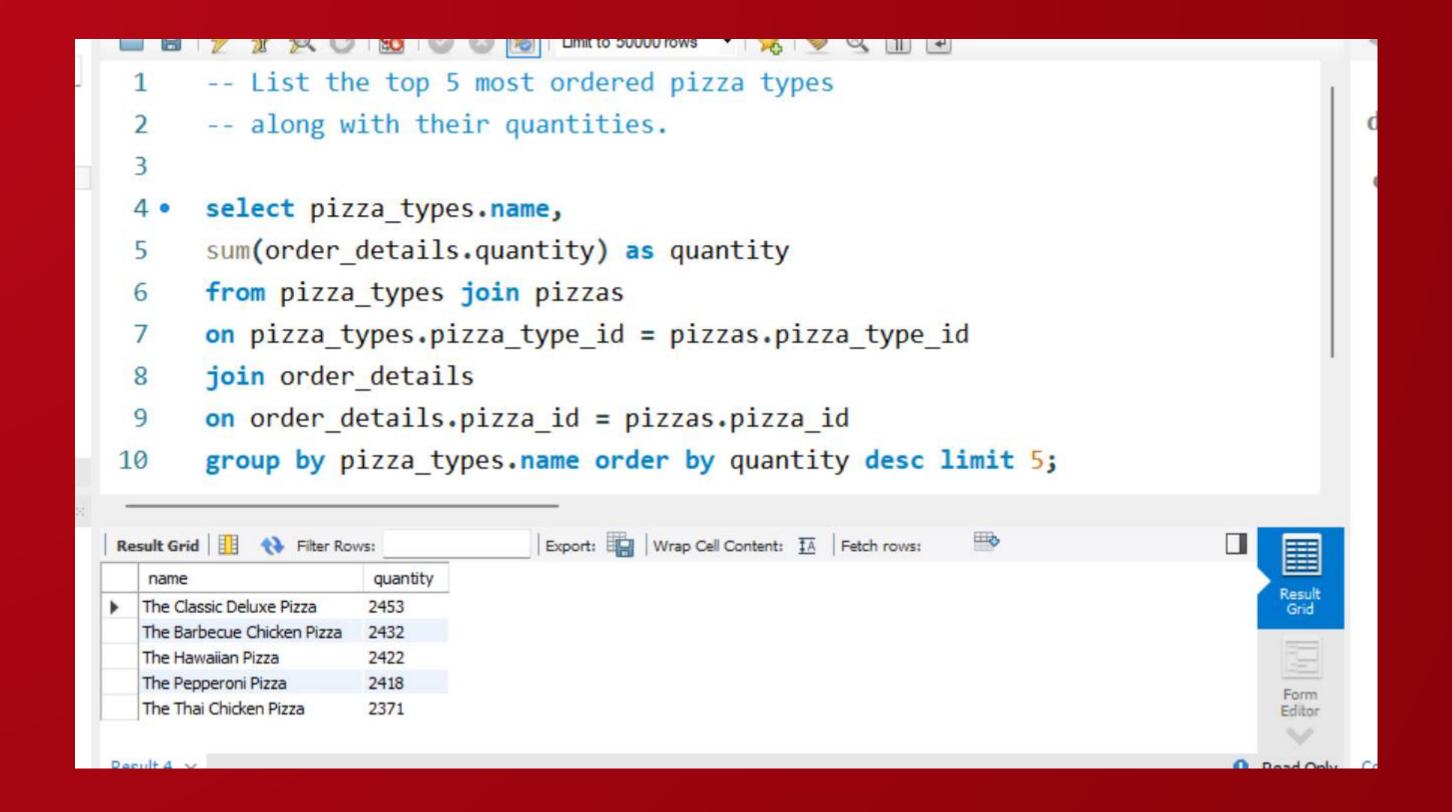
RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

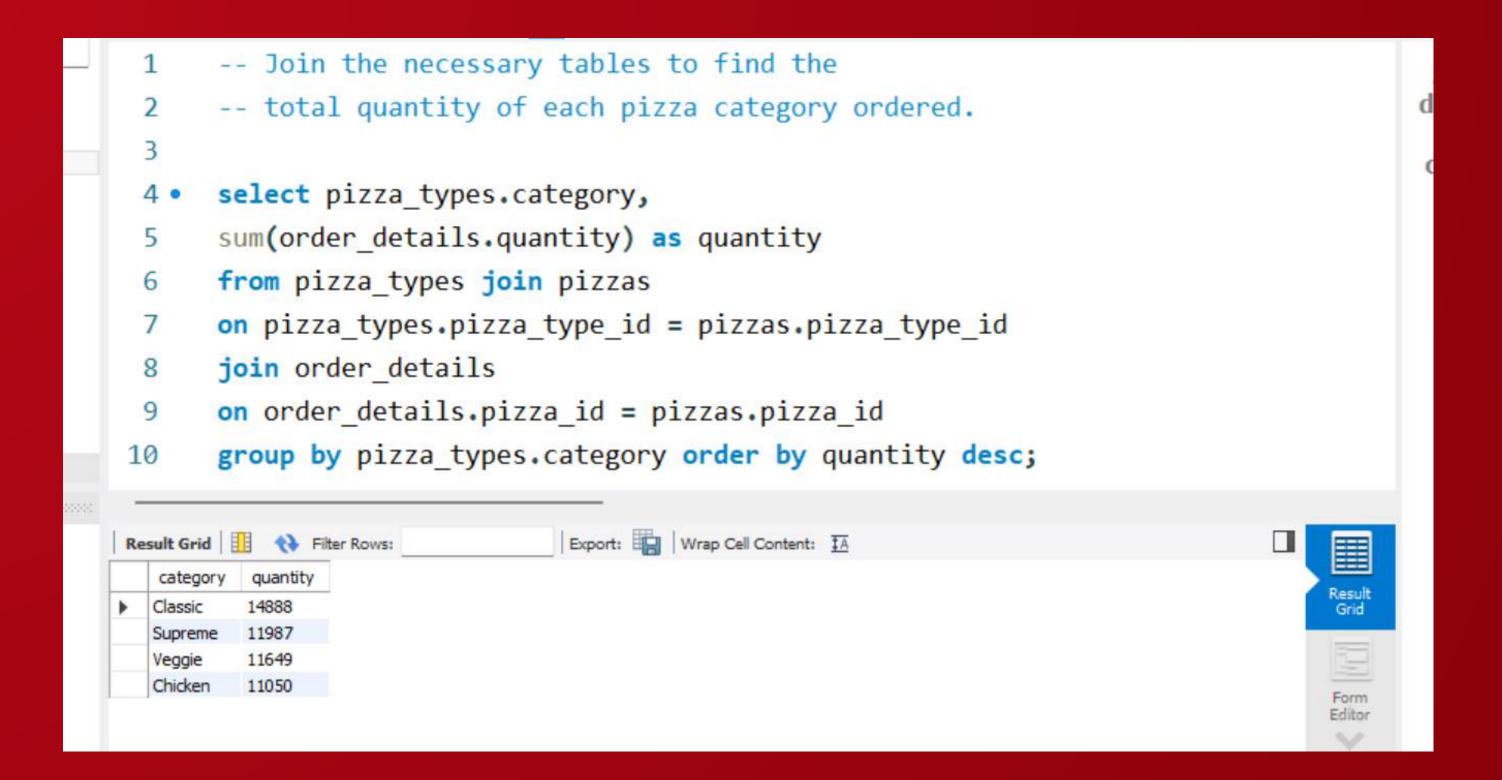


```
-- Calculate the total revenue generated from pizza sales.
       select
       round(sum(order_details.quantity * pizzas.price),2) as total_sales
       from order_details join pizzas
 6
       on pizzas.pizza_id = order_details.pizza_id
                                Export: Wrap Cell Content: 1A
Result Grid
           ♦ Filter Rows:
   total_sales
▶ 817860.05
```



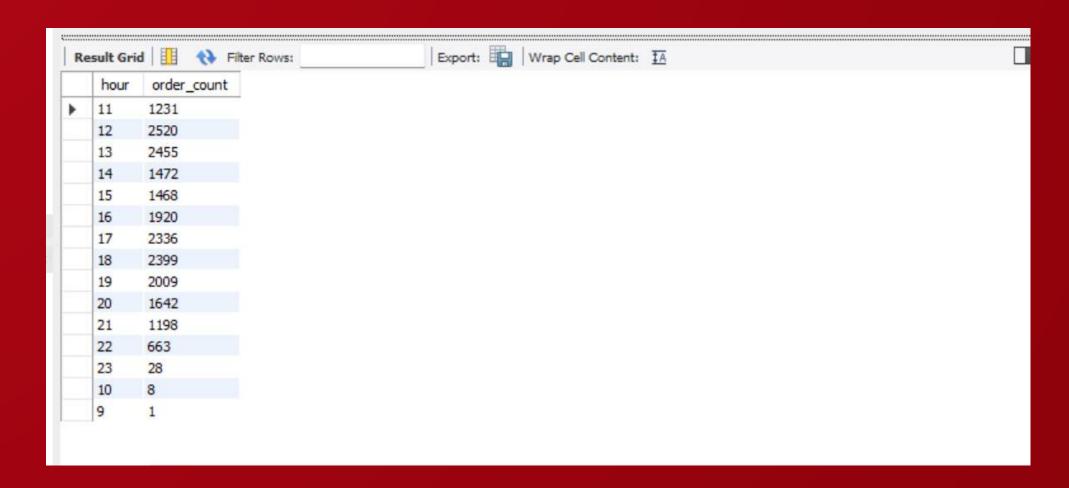


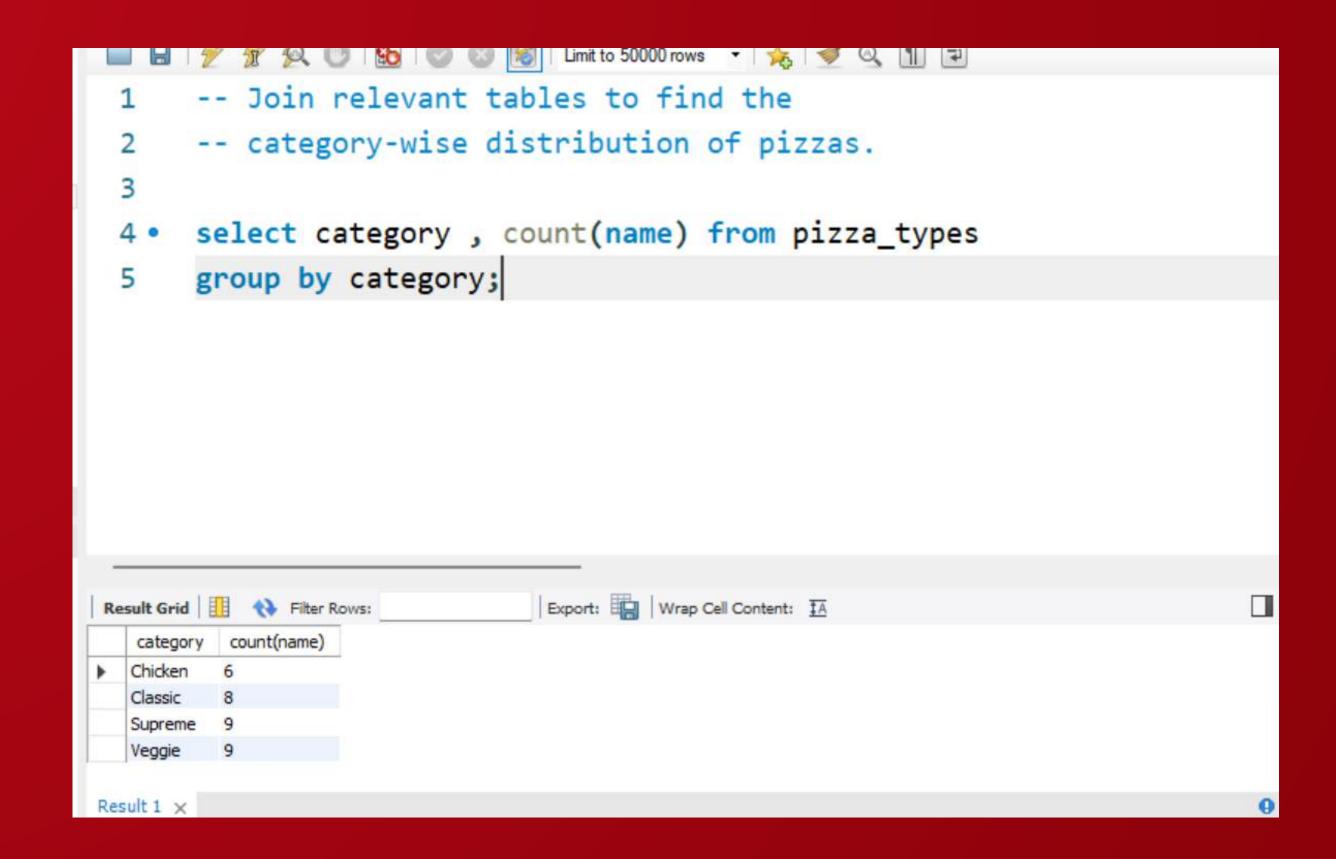




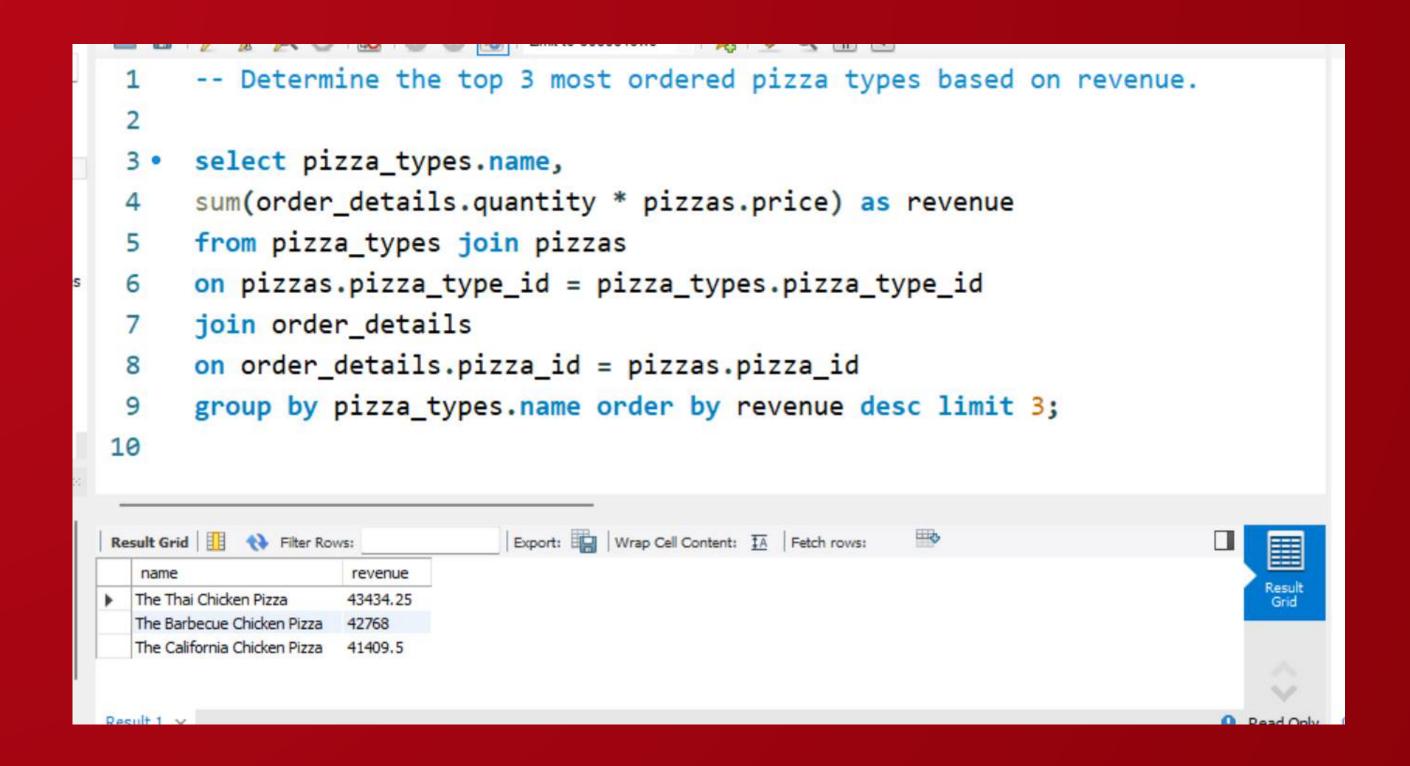
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1 -- Determine the distribution of orders by hour of the day.

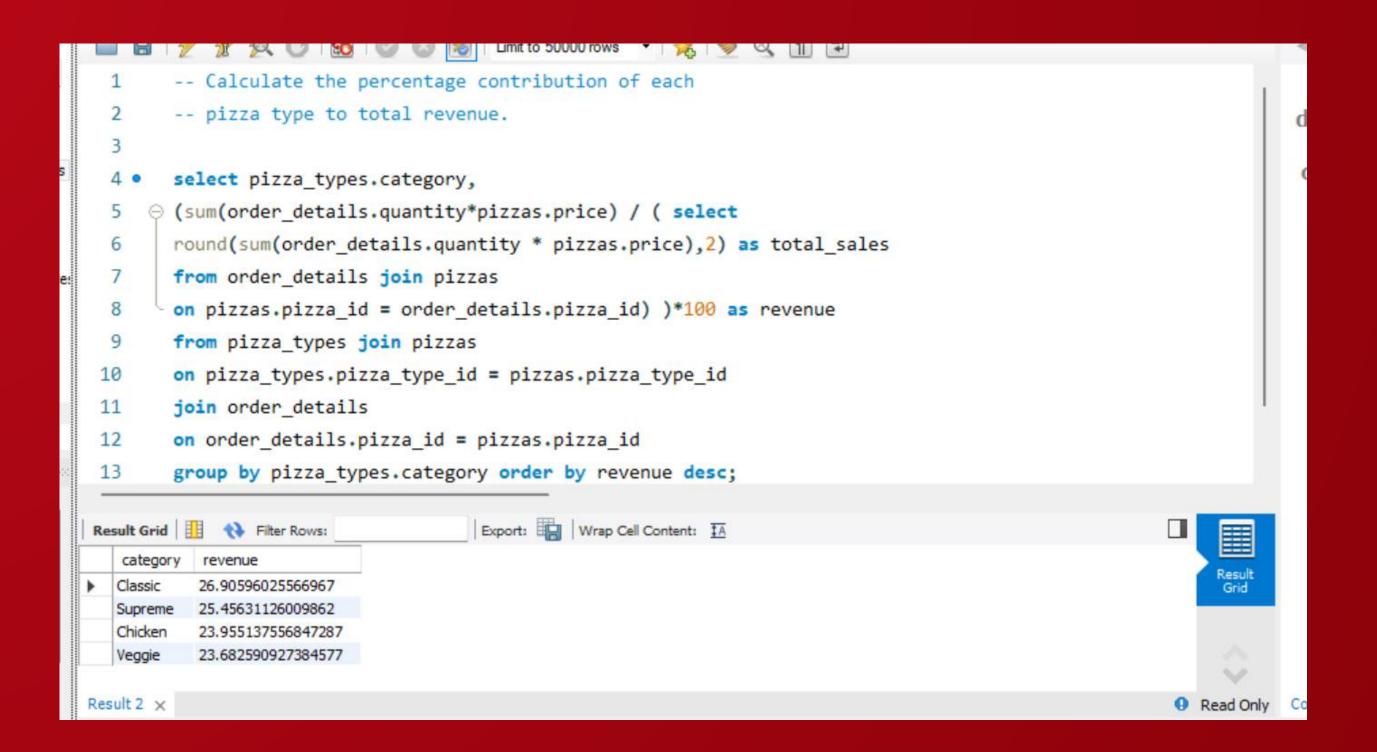
2
3 • SELECT
4 HOUR(time) AS hour, COUNT(order_id) AS order_count
5 FROM
6 orders
7 GROUP BY HOUR(time);
```

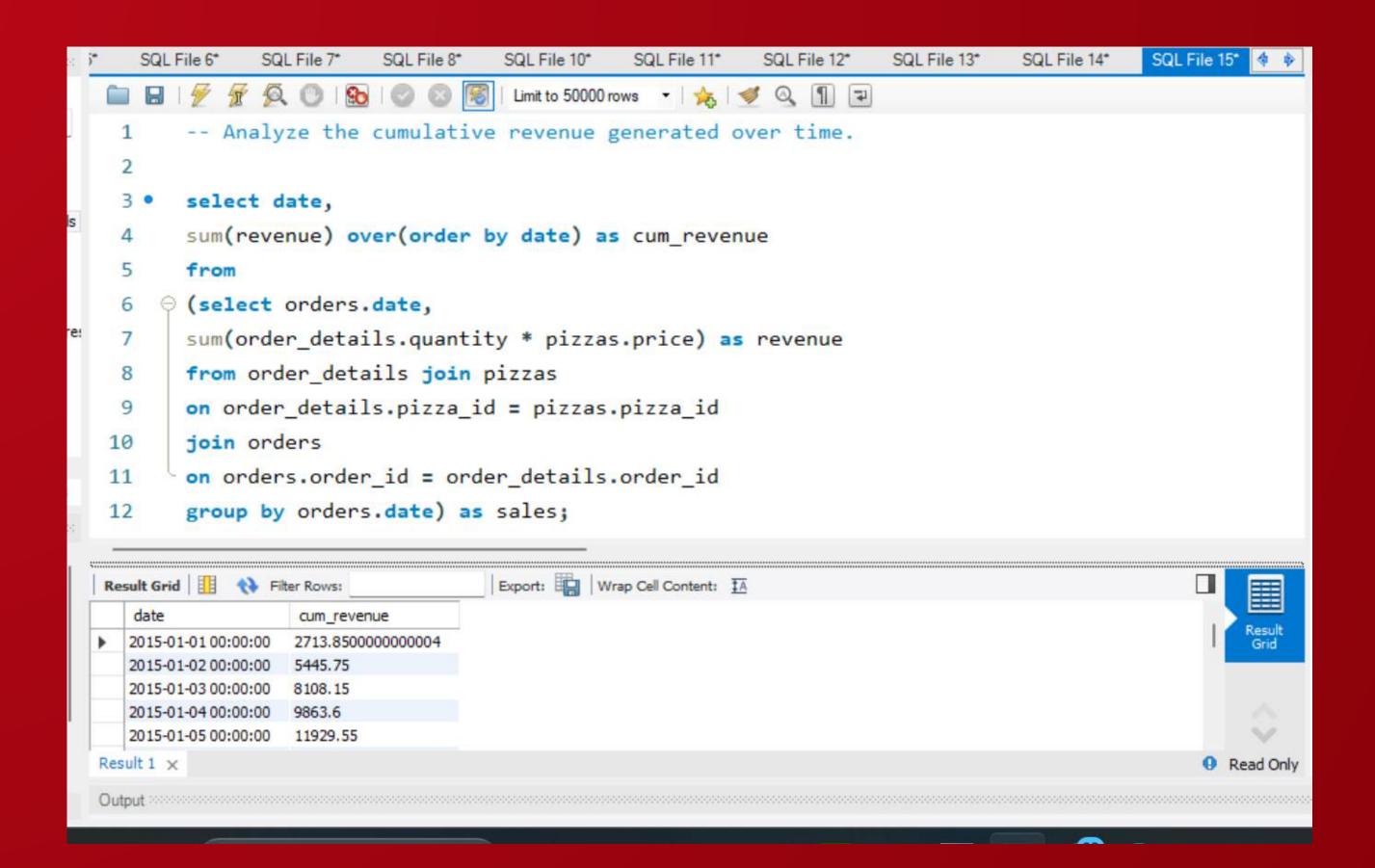




```
-- Group the orders by date and calculate the average
      -- number of pizzas ordered per day.
      select round(avg(quantity),0) from
     (select orders.date, sum(order_details.quantity) as quantity
      from orders join order_details
      on orders.order_id = order_details.order_id
      group by orders.date) as order_quantity;
                             Export: Wrap Cell Content: IA
Result Grid | Filter Rows:
  round(avg(quantity),0)
▶ 138
Result 2 ×
                                                                                 Read Only
```







```
-- Determine the top 3 most ordered pizza types
       -- based on revenue for each pizza category.
       select name, revenue from
     (select category, name, revenue,
       rank() over(partition by category order by revenue desc) as rn
       from
       (select pizza_types.category, pizza_types.name,
       sum((order_details.quantity) * pizzas.price) as revenue
 8
       from pizza_types join pizzas
 9
       on pizza_types.pizza_type_id = pizzas.pizza_type_id
10
       join order_details
11
       on order_details.pizza_id = pizzas.pizza_id
12
       group by pizza_types.category, pizza_types.name) as a) as b
13
       where rn <= 3;
14
```

name	revenue			
The Thai Chicken Pizza	43434.25	-		
The Barbecue Chicken Pizza	42768			
The California Chicken Pizza	41409.5			
The Classic Deluxe Pizza	38180.5			
The Hawaiian Pizza	32273.25			
The Pepperoni Pizza	30161.75			
The Spicy Italian Pizza	34831.25			
The Italian Supreme Pizza	33476.75			
The Sicilian Pizza	30940.5			
The Four Cheese Pizza	32265.70000000065			
The Mexicana Pizza	26780.75			
The Five Cheese Pizza	26066.5			



OUR MENU

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