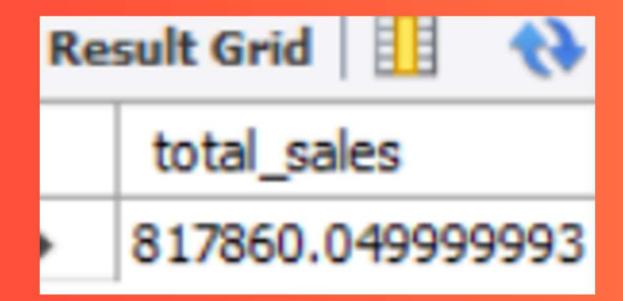




CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES

```
SELECT
   SUM(order_details.quantity * pizzas.price) AS total_sales
FROM
   order_details
    JOIN
   pizzas ON pizzas.pizza_id = order_details.pizza_id
```



IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

Re	Result Grid 🔠 🙌 Filter					
	size	order_count				
	L	18526				
	M	15385				
	S	14137				
	XL	544				
	XXL	28				

LIST THE TOP 5 MOST ORDERED PIZZA TYPE ALONG WITH THEIR QUANTITIES.

Result Grid				
name	quantity			
The Classic Deluxe Pizza	2453			
The Barbecue Chicken Pizza	2432			
The Hawaiian Pizza	2422			
The Pepperoni Pizza	2418			
The Thai Chicken Pizza	2371			

DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY

```
SELECT

HOUR(order_time), COUNT(order_id) AS order_count

FROM

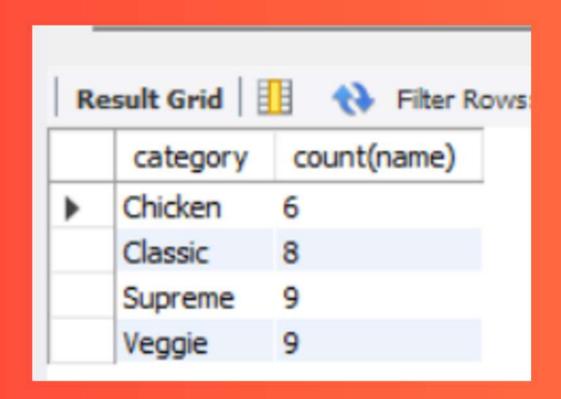
orders

GROUP BY HOUR(order_time);
```

Re	Result Grid Filter Rows:				
Г	HOUR(order_time)	order_count			
•	11	1231			
	12	2520			
	13	2455			
	14	1472			
	15	1468			
	16	1920			
	17	2336			
	18	2399			
	19	2009			
	20	1642			
	21	1198			
	22	663			
	23	28			
	10	8			
	9	1			
4					

JOIN RELEVANT TABLES TO FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS.

```
select category , count(name) from pizza_types
group by category;
```



GROUP THR ORDERS BY DATE AND CALCULATE THE AVERAGE NUMBER OF PIZZAS ORDERED PER DAY.

```
AVG(quantity) as avg_pizza_ordered_per_day

FROM

(SELECT

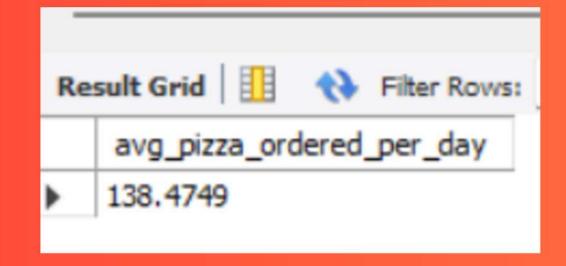
orders.order_date, SUM(order_details.quantity) AS quantity

FROM

orders

JOIN order_details ON orders.order_id = order_details.order_id

GROUP BY orders.order_date) AS order_quantity;
```



DETERMINE THR 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
from pizza_types join pizzas
on pizza_types.pizza_type_id = pizzas.pizza_type_id
join order_details
on order_details.pizza_id = pizzas.pizza_id
```

Re	Result Grid				
	name	revenue			
Þ	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			

Summary of this topic:

- To solve the pizza sales use the mysql workbench.
- Use select to find the total orders, identify orders.
- And also use sum, cout, avg etc to count pizza and sum the quantity of pizza.
- Use group by, order by, where to find the quantity of pizza sales.



Thank You