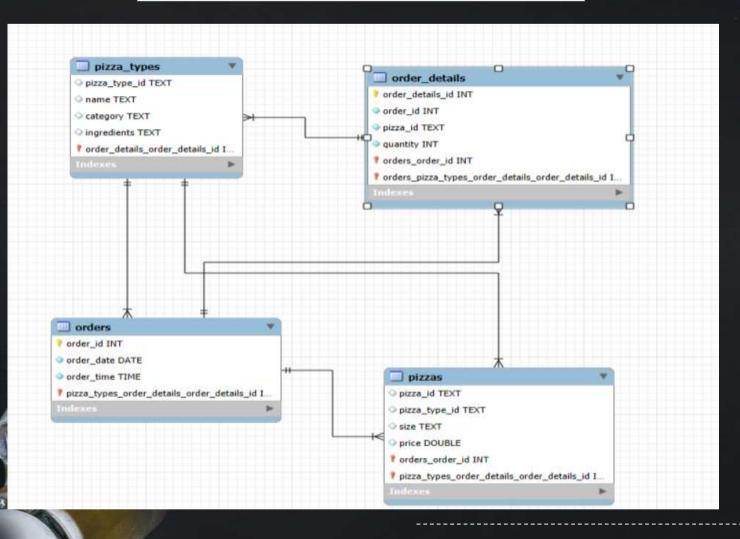




TABLES USED





List the top 5 most ordered pizza types along with their quantities.

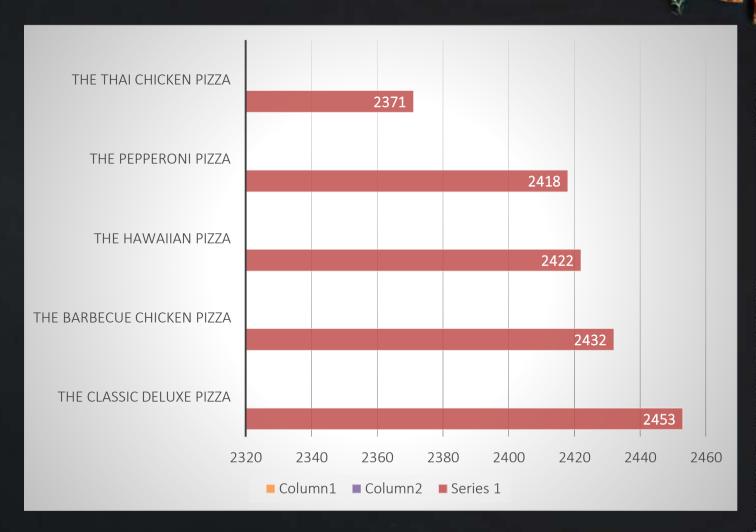
```
SELECT
    pizza_types.name, SUM(order_details.quantity) AS quantity
FROM

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
GROUP BY pizza_types.name
ORDER BY quantity DESC
LIMIT 5;
```

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	
	name The Classic Deluxe Pizza The Barbecue Chicken Pizza The Hawaiian Pizza The Pepperoni Pizza	



Determine the distribution of orders by hour of the day

ORDERS VS HOUR

SELECT

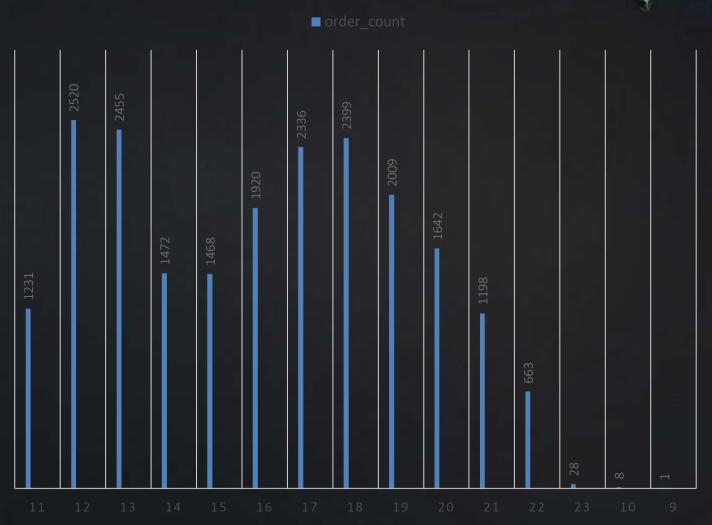
HOUR(order_time) AS hour, COUNT(order_id) AS order_count

FROM

orders

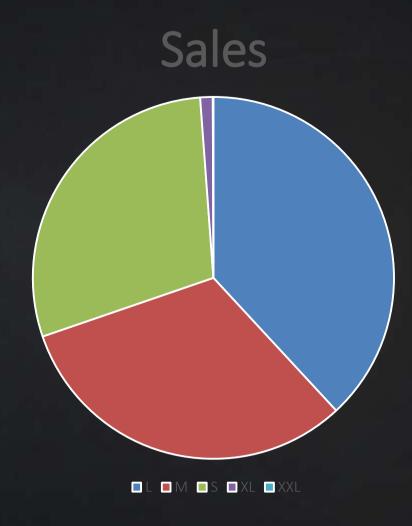
GROUP BY HOUR(order time);

	hour	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



Identify the most common pizza size ordered.

R	esult Gri	id 📗 🙌 Filter Ri
	size	order_count
•	L	18526
	M	15385
	S	14137
	XL	544
	XXL	28



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

```
FROM

(SELECT

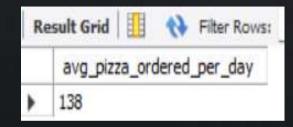
orders.order_date, SUM(order_details.quantity) AS quantity

FROM

orders

JOIN order_details ON orders.order_id = order_details.order_id

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



Determine the top 3 most ordered pizza types based on

revenue.

```
SELECT

pizza_types.name,

SUM(order_details.quantity * pizzas.price) AS revenue

FROM

pizza_types

JOIN

pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id

JOIN

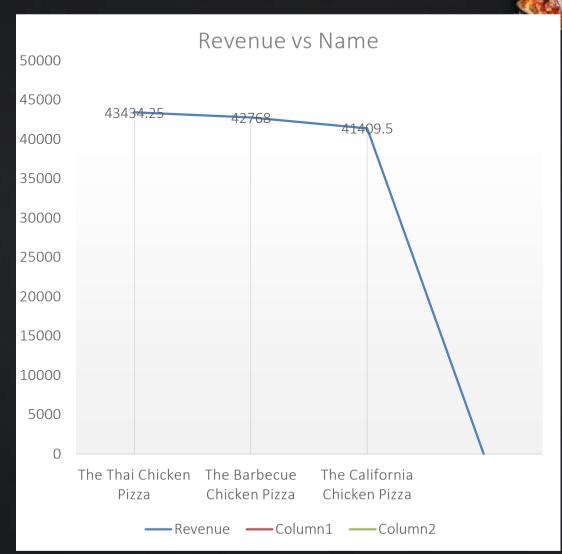
order_details ON order_details.pizza_id = pizzas.pizza_id

GROUP BY pizza_types.name

ORDER BY revenue DESC

LIMIT 3;
```

R	esult Grid 🔠 🙌 Filter Ro	ws:
	name	revenue
١	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5



Calculate the percentage contribution of each pizza type to total revenue.

```
SELECT

pizza_types.category,

ROUND((SUM(order_details.quantity * pizzas.price) / (SELECT)

ROUND(SUM(order_details.quantity * pizzas.price),

2) AS total_sales

FROM

order_details

JOIN

pizzas ON pizzas.pizza_id = order_details.pizza_id)) * 100,

2) AS revenue

FROM

pizza_types

JOIN

pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id

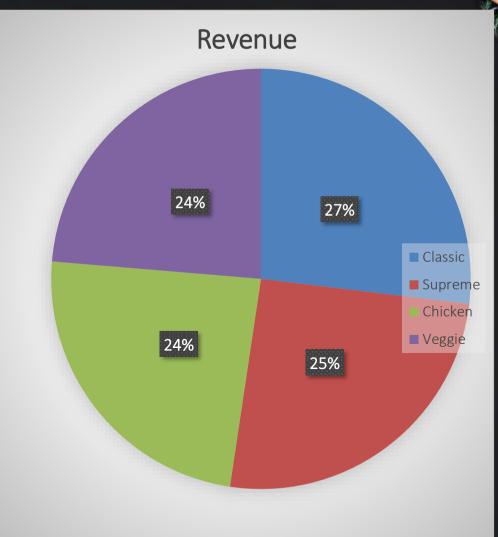
JOIN

order_details ON order_details.pizza_id = pizzas.pizza_id

GROUP BY pizza_types.category

ORDER BY revenue DESC;
```

Result Grid		44
	category	revenue
	Classic	26.91
	Supreme	25.46
	Chicken	23.96
	Veggie	23.68



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
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
group by pizza_types.category, pizza_types.name) as a) as b
where rn<=3;</pre>
```

	name	revenue	
		The second secon	-
P	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	

