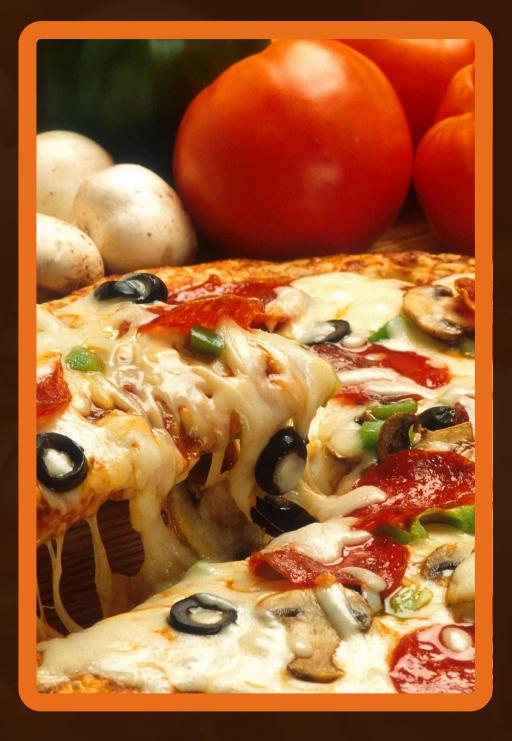
Where Every Slice is a Taste of Perfection









## QUESTIONS.



- 1.Retrieve the total number of orders placed.
- 2.Calculate the total revenue generated from pizza sales.
- 3.Identify the highest-priced pizza.
- 4. Identify the most common pizza size ordered.
- 5.List the top 5 most ordered pizza types along with their quantities.
- 6.Join the necessary tables to find the total quantity of each pizza category ordered.
- 7.Determine the distribution of orders by hour of the day.
- 8.Join relevant tables to find the category-wise distribution of pizzas.
- 9.Group the orders by date and calculate the average number of pizzas ordered per day.
- 10.Determine the top 3 most ordered pizza types based on revenue.

## RETRIVE THE TOTAL NUMBER OF ORDERS PLACED

select count(order\_id) as total\_orders from orders;

total\_orders

21350







# CALCULATE THE TOTAL REVENUE GENERATED FROM THE PIZZA SALES

```
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
```





## CALCULATE THE HIGHEST PRIZED PIZZA

```
pizza_types.name , pizzas.price

ROM

pizza_types

JOIN

pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id

order by pizzas.price desc limit 1;
```

	name	price	
*	The Greek Pizza	35.95	



# IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED

#### SELECT

pizzas.size, COUNT(order\_details.order\_details\_id) AS order\_count

#### FROM

pizzas

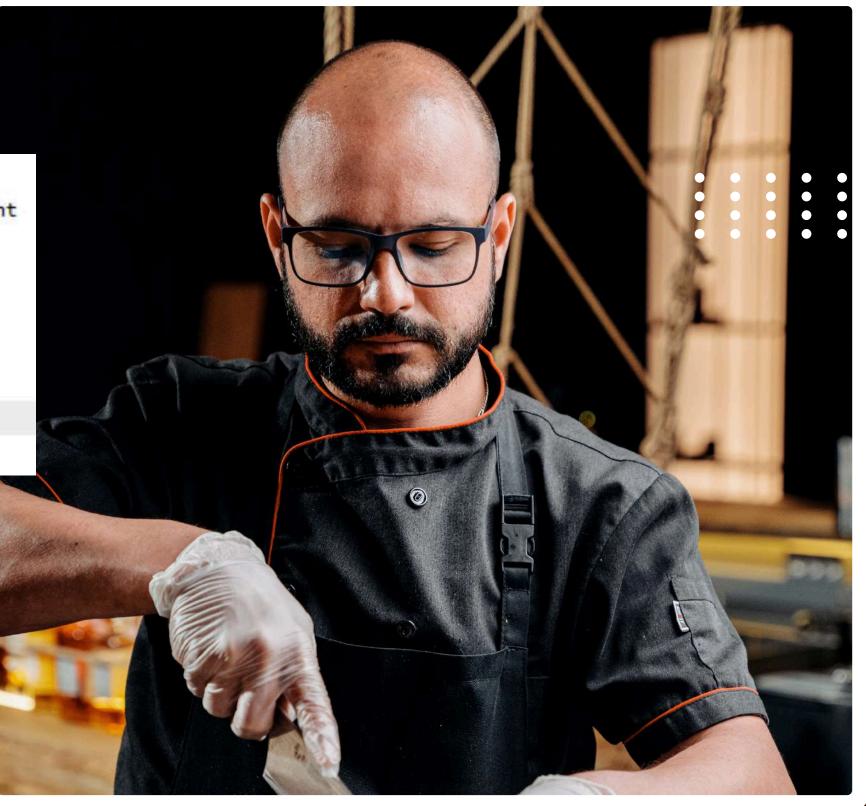
JOIN

order\_details ON pizzas.pizza\_id = order\_details.pizza\_id

GROUP BY pizzas.size

ORDER BY order\_count DESC;

	size	order_count
<b>&gt;</b>	L	18526
	M	15385
	S	14137
	XL	544
	XXL	28





# LIST THE TOP 5 MOST ORDERED PIZZA WITH THEIR QUANTITIES



```
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;
```

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

## TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED

```
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;
```

	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







```
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

### FIND THE CATEGORY WISE DISTRIBUTION OF THE PIZZAS

```
SELECT

category, COUNT(name)

FROM

pizza_types

GROUP BY category;
```

	category	COUNT(name)
•	Chicken	6
	Classic	8
	Supreme	9
	Veggie	9

