



PIZZA HOUSE

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WELCOME TO PIZZA HOUSE

Hello, My name is Priyanshu Verma here my SQL project on "Pizza Sales" aims to analyze the sales data of a pizza business, providing valuable insights into customer preferences, sales trends, and overall business performance. Through various SQL queries and data manipulation techniques, this project will explore key aspects such as order frequency, top-selling pizza types, peak sales periods, and revenue patterns. The analysis will help uncover actionable insights to optimize operations, improve inventory management, and boost sales strategies.



TARGETS

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.





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RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

```
SELECT  
    COUNT(*)  
FROM  
    orders
```

Result Grid	
	COUNT(*)
▶	21350



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CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

```
SELECT  
    ROUND(SUM(quantity * price), 2) AS total_sales  
FROM  
    orders_details  
    JOIN  
    pizzas ON orders_details.pizza_id = pizzas.pizza_id
```

	total_sales
▶	817860.05



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IDENTIFY THE HIGHEST-PRICED PIZZA.

```
SELECT
    name, price
FROM
    pizzas
        JOIN
    pizza_types ON pizzas.pizza_type_id = pizza_types.pizza_type_id
ORDER BY price DESC
LIMIT 1
```

	name	price
▶	The Greek Pizza	35.95



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IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

```
SELECT  
    COUNT(quantity) AS ordercount, size  
FROM  
    orders_details  
    | JOIN  
    pizzas ON orders_details.pizza_id = pizzas.pizza_id  
GROUP BY size  
ORDER BY ordercount DESC  
LIMIT 1
```

	ordercount	size
▶	18526	L



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

SELECT

 name, SUM(quantity) AS quantity

FROM

 pizza_types

 JOIN

 pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id

 JOIN

 orders_details ON pizzas.pizza_id = orders_details.pizza_id

GROUP BY 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



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THANK YOU!

