



LARANA PIZZA

# PIZZA SALES





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# EXPLORING PIZZA SALES DATA THROUGH SQL"

This project analyzes pizza sales data using MySQL. The data includes order details, pizza types, prices, and order timestamps. Using SQL queries, we explore total sales, most popular pizzas, category-wise demand, and order trends by hour to derive key business insights.

The objective is to extract meaningful insights that can help in understanding customer preferences and improving business performance. This project also lays the groundwork for further analysis using tools like Power BI for advanced visualization.





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RETRIEVE THE TOTAL  
NUMBER OF ORDERS  
PLACED.

### SQL QUERY

```
select count(order_id) as total_order from orders;
```

Result Grid	
	total_order
▶	21350



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# CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

## SQL QUERY

```
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;
```

Result Grid	
	total_sales
▶	817860.05



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# IDENTIFY THE HIGHEST-PRICED PIZZA.

## SQL QUERY

```
SELECT
    pizza_types.name, pizzas.price
FROM
    pizza_types
JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
order by pizzas.price desc limit 1;
```

Result Grid		Filter Rows:
	name	price
▶	The Greek Pizza	35.95



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# IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

## SQL QUERY

```
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 limit 1;
```

Result Grid		Filter Rows:
	size	order_count
▶	L	18526



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

### SQL QUERY

```
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		Filter Rows:
	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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JOIN THE NECESSARY TABLES  
TO FIND THE TOTAL QUANTITY  
OF EACH PIZZA CATEGORY  
ORDERED.

### SQL QUERY

```
select pizza_types.category,  
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.category order by quantity desc;
```

Result Grid		
	category	quantity
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050



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# DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

## SQL QUERY

```
select hour(order_time) as hour, count(order_id) as  
order_count from orders  
group by hour(order_time);
```

Result Grid	
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



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# THANK YOU!

