

PIZZA SALES



INTRODUCTION

Hello My name is Sachin Saini
I make this project PIZZA SALES by uses of SQL Queries
with the help of Mysql

The Pizza Sales Project aims to analyze and manage sales data for a fictional pizza restaurant chain using MySQL. By leveraging a relational database management system (RDBMS), we can effectively store, retrieve, and analyze data related to pizza sales, customer orders, ingredients, and employee information.

TABLES

ORDER_DETAILS Table:-

	order_details_id	pizza_id	quantity	order_id
▶	1	hawaiian_m	1	1
	2	classic_dlx_m	1	2
	3	five_cheese_l	1	2
	4	ital_supr_l	1	2
	5	mexicana_m	1	2
	6	thai_ckn_l	1	2

ORDER'S Table:-

	order_id	order_date	order_time
▶	1	2015-01-01	11:38:36
	2	2015-01-01	11:57:40
	3	2015-01-01	12:12:28
	4	2015-01-01	12:16:31
	5	2015-01-01	12:21:30
	6	2015-01-01	12:29:36

PIZZA_TYPE Table:-

	pizza_type_id	name	category	ingredients
▶	bbq_ckn	The Barbecue Chicken Pizza	Chicken	Barbecued Chicken, Red Peppers, Green Peppers, Onions, Tomatoes, Mozzarella Cheese
	cali_ckn	The California Chicken Pizza	Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapenos, Mozzarella Cheese
	cfn_alfredo	The Chicken Alfredo Pizza	Chicken	Chicken, Red Onions, Red Peppers, Mozzarella Cheese, Alfredo Sauce
	cfn_pesto	The Chicken Pesto Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Spinach, Mozzarella Cheese, Pesto
	southw_ckn	The Southwest Chicken Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Red Onions, Black Beans, Mozzarella Cheese
	thai_ckn	The Thai Chicken Pizza	Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Mozzarella Cheese

PIZZAS Table :-

	pizza_id	pizza_type_id	size	price
▶	bbq_ckn_s	bbq_ckn	S	12.75
	bbq_ckn_m	bbq_ckn	M	16.75
	bbq_ckn_l	bbq_ckn	L	20.75
	cali_ckn_s	cali_ckn	S	12.75
	cali_ckn_m	cali_ckn	M	16.75
	cali_ckn_l	cali_ckn	L	20.75

#Identify the most common pizza size ordered.

```
SELECT
    pizzas.size, COUNT(order_details.order_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)
LIMIT 1;
```

Result Grid | Filter

	size	order_count
▶	XXL	22

#Identify the highest-priced pizza.

```
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
	The Canadian Piz...	

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

```
SELECT
    pizza_type_id, SUM(quantity) AS quantity
FROM
    pizzas
    JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizza_type_id
ORDER BY quantity DESC
LIMIT 5;
```

	pizza_type_id	quantity
▶	bbq_ckn	1867
	dassic_dlx	1842
	pepperoni	1840
	hawaiian	1798
	cali_ckn	1792

-- Join the necessary tables to find the total quantity
-- of each pizza category ordered.

```
SELECT
    SUM(order_details.quantity) AS quantity,
    pizza_types.category
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;
```

	quantity	category
▶	8353	Chicken
	8870	Veggie
	9006	Supreme
	11265	Classic

#Retrieve the total number of orders placed

```
SELECT  
    COUNT(order_id) AS total_orders  
FROM  
    orders;
```

	Result Grid	grid icon	refresh icon
	total_orders		
▼	4932		

#Calculate the total revenue generated from pizza sales.

SELECT

ROUND(SUM(order_details.quantity * pizzas.price),
2)

FROM

order_details

JOIN

pizzas ON order_details.pizza_id = pizzas.pizza_id;

Result Grid



Filter Rows:

	ROUND(SUM(order_details.quantity * pizzas.price), 2)
--	--

▶	618808.95
---	-----------

-- Determine the distribution of orders by hour of the day.

```
SELECT  
    HOUR(order_time), COUNT(order_id)  
FROM  
    orders  
GROUP BY HOUR(order_time);
```

Result Grid | Filter Rows:

	HOUR(order_time)	COUNT(order_id)
▶	11	265
	12	592
	13	548
	14	395
	15	330
	16	439

-- Join relevant tables to find the category-wise distribution of pizzas.

```
SELECT  
    category, COUNT(name)  
FROM  
    pizza_types  
GROUP BY category;
```

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

-- Determine the top 3 most ordered pizza types based on revenue.

```
SELECT
    pizza_types.name,
    SUM(pizzas.price * order_details.quantity) 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.name
ORDER BY revenue DESC
LIMIT 3;
```

Result Grid | Filter Rows:

	name	revenue
▶	The Barbecue Chicken Pizza	32820.25
	The Thai Chicken Pizza	32354.75
	The California Chicken Pizza	31308

A festive illustration set against a red background with a white grid. In the center, the words "THANK YOU" are written in large, bold, white capital letters. To the left, a person with dark curly hair and a green sweater holds a slice of pizza. To the right, another person with glasses and a green sweater holds a small wrapped gift. Above them, a reindeer with a yellow and orange patterned collar and a bell hangs from its neck. The reindeer has large, expressive eyes and a small smile. The background is decorated with yellow stars and a large yellow starburst at the bottom.

THANK YOU