

# **PIZZAS SALES PRESENTATION**

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# HELLO

My Name is **Akash Sharma** in This Project I Utilize SQL  
Querries To Solve A Questions That Are Related To  
Pizzas Sales

# PROJECT GOALS

- Basic:
- Retrieve the total number of orders placed.
- Calculate the total revenue generated from pizza sales.
- Identify the highest-priced pizza.
- Identify the most common pizza size ordered.
- List the top 5 most ordered pizza types along with their quantities.

# PROJECT GOALS

Intermediate:

- 1 Join the necessary tables to find the total quantity of each pizza category ordered?
- 2 Determine the distribution of orders by hour of the day?
- 3 Join relevant tables to find the category-wise distribution of pizzas?
- 4 Group the orders by date and calculate the average number of pizzas ordered per day?
- 5 Determine the top 3 most ordered pizza types based on revenue?

# PROJECT GOALS

- Advanced:
- Calculate the percentage contribution of each pizza type to total revenue ?
- Analyze the cumulative revenue generated over time ?
- Determine the top 3 most ordered pizza types based on revenue for each pizza category ?

RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED ?

**SELECT**

**COUNT(order\_id) AS total\_orders**

**FROM**

**orders;**

Result Grid	
	total_orders
▶	21350

CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALE ?

```
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

## 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 Row

	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;
```

quantity	COUNT(order_details_id)
1	47693
2	9147693
3	21
4	3

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;**

	<b>name</b>	<b>quantity</b>
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371

DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY ?

```
3 • SELECT  
4     HOUR(order_time), COUNT(order_id) AS order_count  
5 FROM  
6   orders  
7 GROUP BY HOUR(order_time);
```

Result Grid | Filter Rows:

HOUR(order_time)	order_count
11	1231
12	2520
13	2455

## JOIN RELEVANT TABLES TO FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS ?

```
3 • SELECT |  
4     category, COUNT(name)  
5 FROM  
6     pizza_types  
7 GROUP BY category;
```

Result Grid | Filter Rows:

	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(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;
```

Result Grid | Filter Rows:

	name	revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON  
REVENUE ?

```
3 • SELECT
4     ROUND(AVG(quantity), 0)
5 FROM
6     (SELECT
7         orders.order_date, SUM(order_details.quantity) AS quantity
8     FROM
9         orders
0     JOIN order_details ON orders.order_id = order_details.order_id
1     GROUP BY orders.order_date) AS order_quantity;
```

Result Grid	Filter Rows:
ROUND(AVG(quantity), 0)	138

# CONCLUSION

- executed all the queries and questions related to the project and pizza sales which give us the output as solution all of this done by using MYSQL database