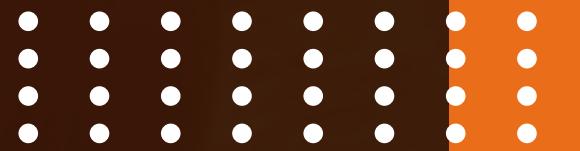


# SQL PROJECT ON PIZZA SALES





## Hello!

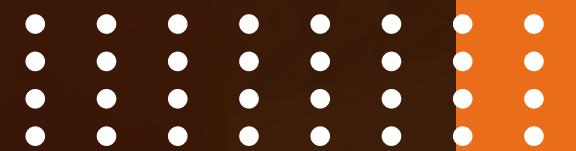
Hello my name is Het Shah , In this project, I have analyzed pizza sales data using MySQL to derive valuable business insights. The dataset includes details on orders, pizza types, sales revenue, and top 5 most order pizza's , i have utilised SQL Queries to solve questions which were related to Pizza Sales.

# SQL 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.

1) RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.



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

Result Grid

	total_order
▶	21350

## 2) CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.



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

Result Grid	
	total_revenue
▶	817860.05



### 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;
```

	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



#### 4) JOIN THE NECESSARY TABLES TO FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED

- **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 category  
ORDER BY quantity DESC;
```

	category	quantity
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050

## 5) 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;
```

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

THANK YOU FOR YOUR  
TIME AND ATTENTION!  
I APPRECIATE YOUR  
INTEREST IN MY  
PROJECT.