

SQL PROJECT

ON

PIZZAHUT

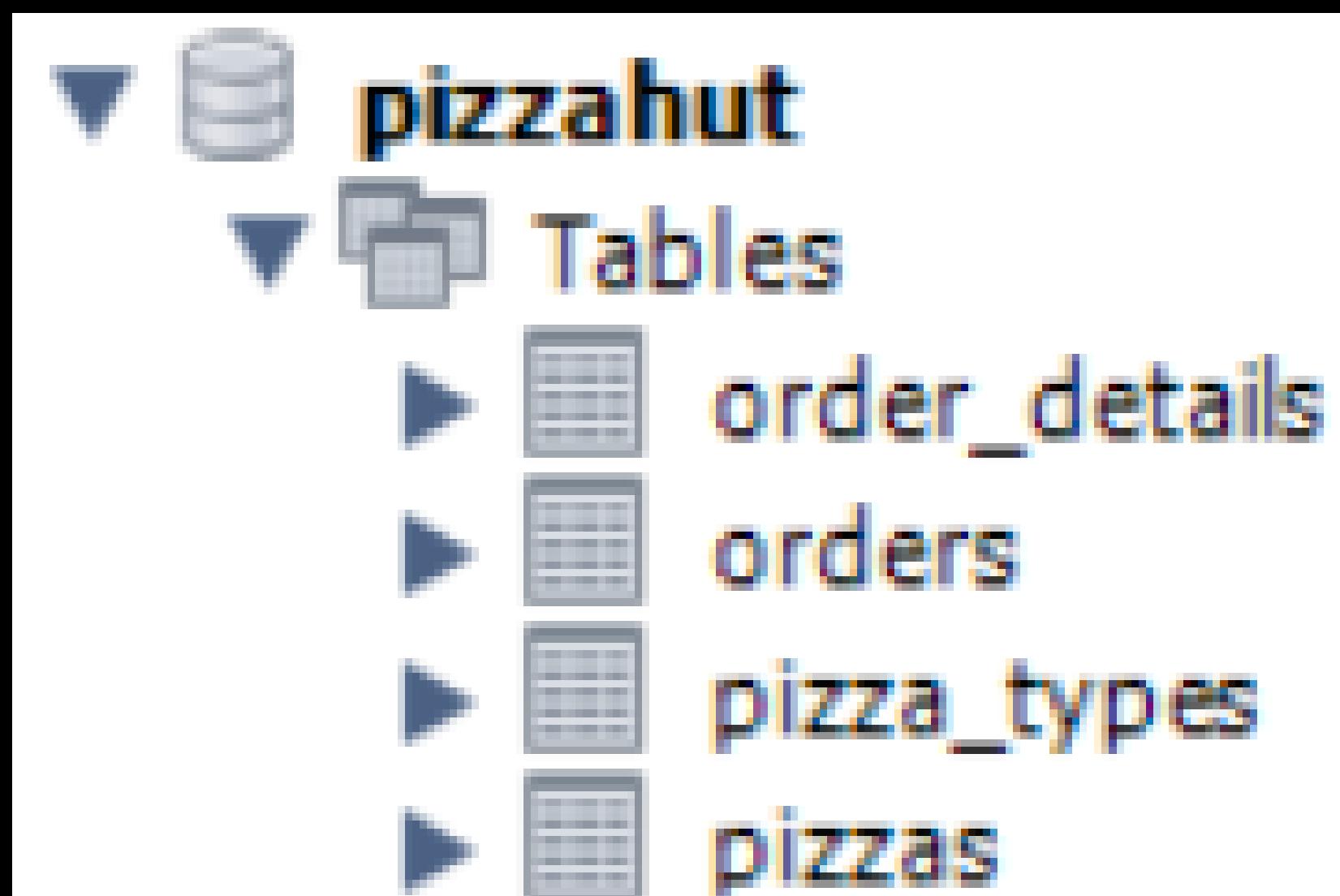


# HELLO !

I am Chanchal.....

In this project i have utilised SQL queries to solve  
questions that are related to pizza sales

Sources : kaggle and google



# Top-Selling Items

**Most Popular Pizzas:** Identify which pizza types or toppings are sold most frequently using aggregate functions like **COUNT()** or **SUM()**.

**Menu Performance:** Identify items that are underperforming, using sales data to assess menu changes (e.g., removing or promoting specific pizzas).

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Que : Retrieve the total number of orders placed.

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

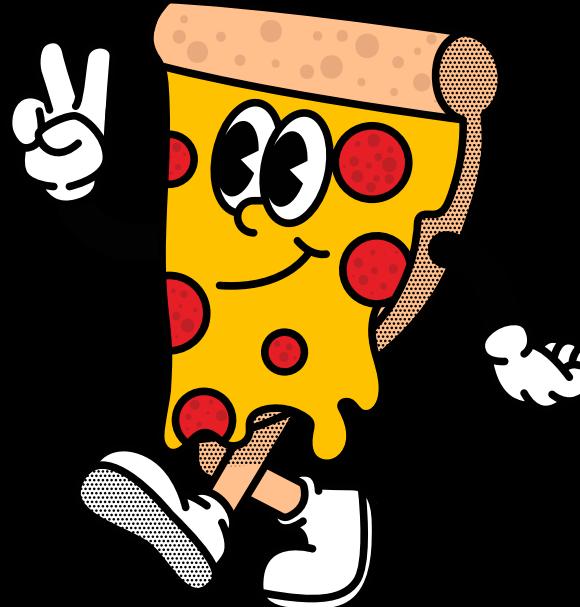
Result Grid	
	total_orders
▶	21350





# Que : calculate the total revenue generated from pizza sales.

```
SELECT  
    SUM(order_details.quantity * pizzas.price) AS total_sales  
FROM  
    order_details  
    JOIN  
    pizzas ON pizzas.pizza_id = order_details.pizza_id
```



Result Grid	
	total_sales
▶	817860.0499999993

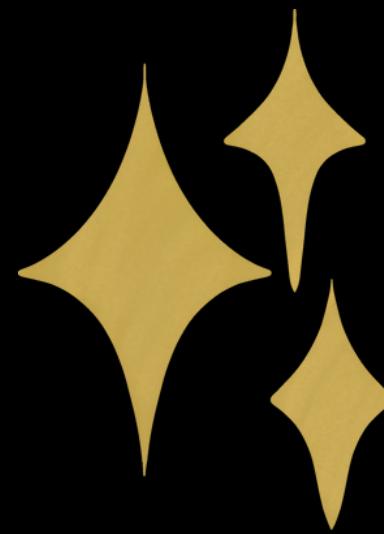


# Que : Identify the highest pizza prize.

```
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 R

	name	price
▶	The Greek Pizza	35.95



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Que : Identify the most common pizza size ordered.

```
select pizzas.size, count(order_details.order_details_id)
from pizzas join order_details on
pizzas.pizza_id = order_details.pizza_id
group by pizzas.size order by order_count desc;
```

	size	order_count
▶	L	18526
	M	15385
	S	14137
	XL	544
	XXL	28

# Sales Trends Analysis

**Sales Over Time:** Track sales by month, week, or day to identify patterns in sales volume and revenue.

**Seasonal Trends:** Analyze seasonal trends to determine which times of year (e.g., holidays, weekends) result in increased sales.

**Peak Hours:** Determine peak sales hours of the day or specific days of the week.

# Que : List the top 5 most ordered pizza types along with their quantity.

```
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		
	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



Que : 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 pizzas.pizza_id = order_details.pizza_id
group by pizza_types.category
order by quantity desc;
```



Result Grid

	category	quantity
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050

# Conclusion:

This SQL project aimed to analyze pizza sales data to uncover valuable insights into customer preferences, sales trends, and operational efficiencies. Through queries and data manipulation.

Thankyou