



WELCOME TO



(SQL) PIZZA SALES PROJECT

Hello, I'm Rakesh jadhav. This project showcases a detailed analysis of pizza sales, where I've utilized SQL queries to address various questions related to sales performance. The findings are presented through visualizations, making it easier to interpret and understand the sales data.



Q.1 RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED

```
SELECT COUNT(*) AS total_Number_Orders FROM Orders;
```

	Results		Messages
	Total_Number_Of_Orders		
1	21350		



Q.2 Calculate the total revenue generated from pizza sales.

```
SELECT ROUND(sum(O_S.quantity * p.price),2) AS Total_Revenue
FROM Order_details O_S
INNER JOIN
Pizzas p
ON O_S.pizza_id=p.pizza_id;
```



Results



Messages

1

Total_Revenue

817860.05

Q.3 Identify the highest-priced pizza.

```
SELECT P_t.name,p.price as Highest_Price
FROM Pizza_types P_t
INNER JOIN
Pizzas p
ON p.pizza_type_id = p_t.pizza_type_id
WHERE p.price=(SELECT MAX(Price)FROM Pizzas);
```

	Results	Messages
	name	Highest_Price
1	The Greek Pizza	35.95



Q.4 IDENTIFY THE MOST COMMON SIZE PIZZA ORDERED.

```
SELECT Pizzas.size,COUNT(Order_details.order_id) AS Common_Pizza
FROM Pizzas
INNER JOIN
Order_details
ON Pizzas.pizza_id=Order_details.pizza_id
GROUP BY Pizzas.size
ORDER BY Common_Pizza DESC;
```

\$6



Results		Messages
	size	Common_Pizza
1	L	18526
2	M	15385
3	S	14137
4	XL	544
5	XXL	28

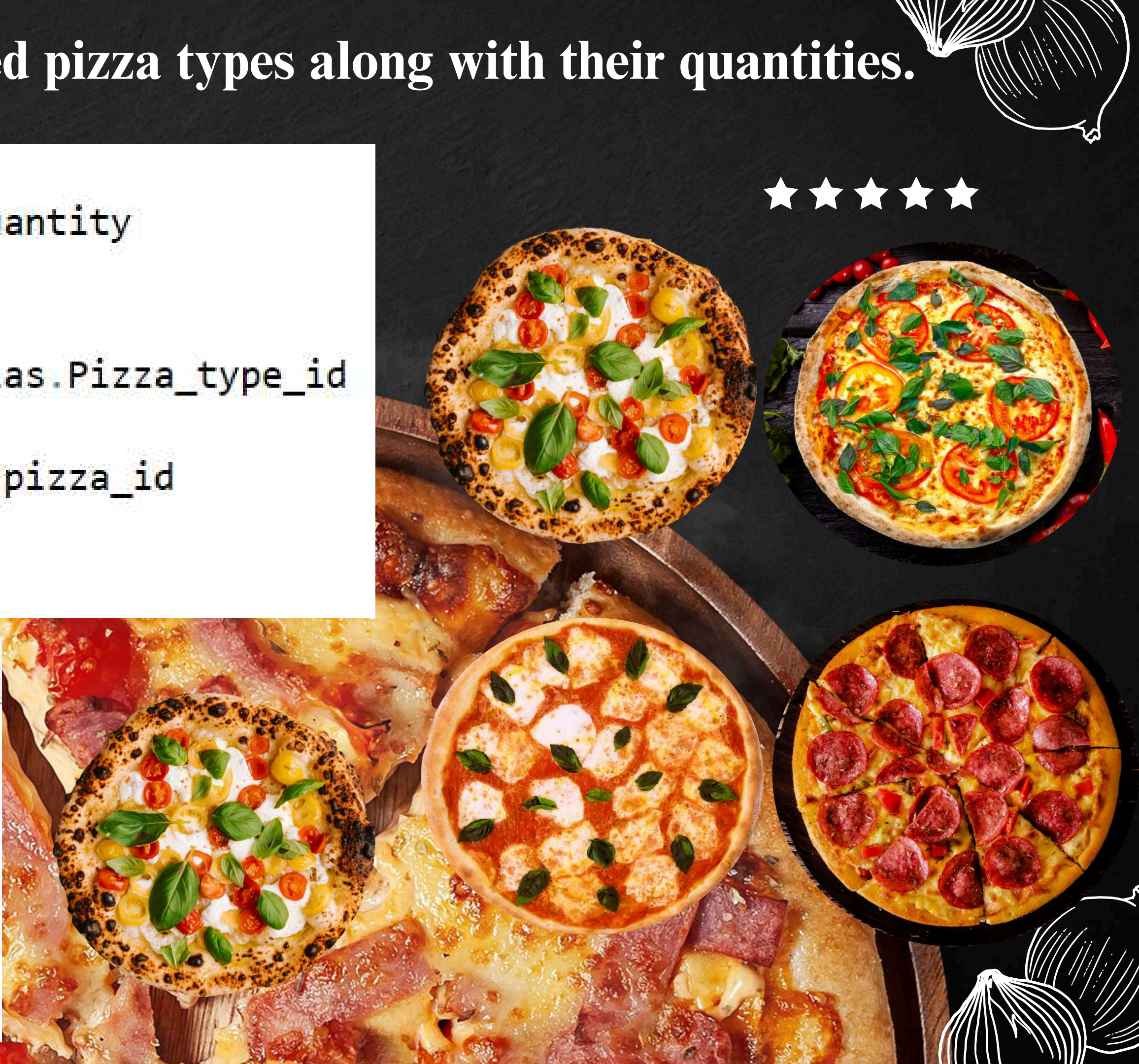
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Q.5 List the top 5 most ordered pizza types along with their quantities.

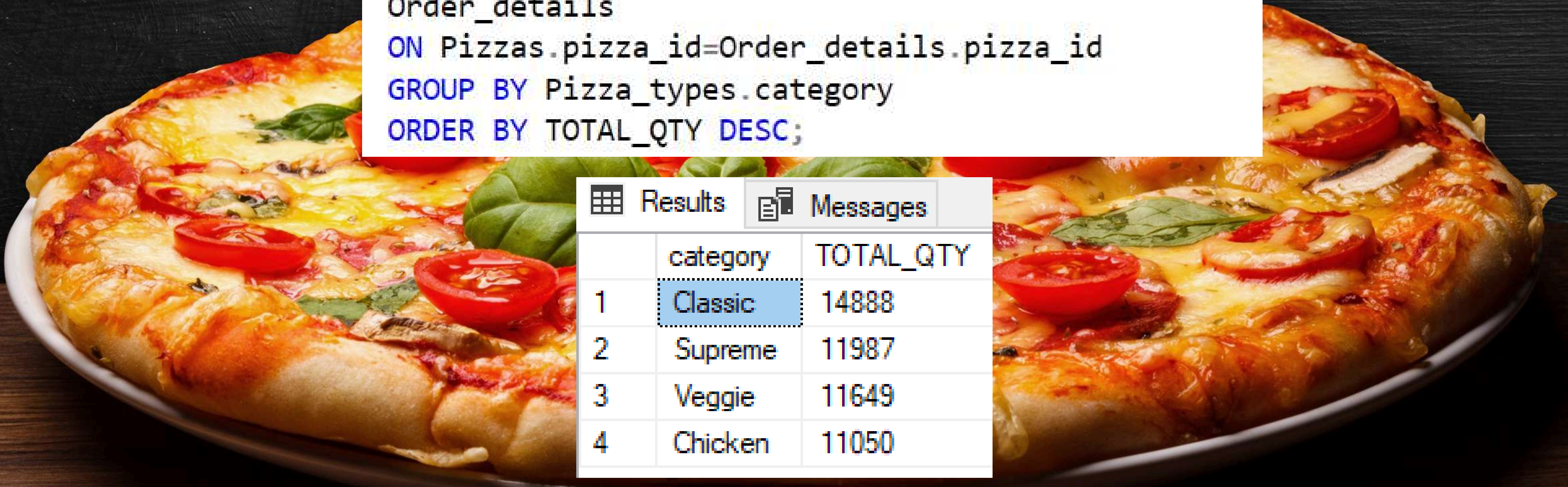
```
SELECT TOP 5 Pizza_types.name,  
SUM(Order_details.quantity) AS Quantity  
FROM Pizza_types  
JOIN Pizzas  
ON Pizza_types.pizza_type_id=Pizzas.Pizza_type_id  
join Order_details  
ON Order_details.pizza_id=Pizzas.pizza_id  
GROUP BY Pizza_types.name  
ORDER BY quantity Desc;
```

	Results	Messages
	name	Quantity
1	The Classic Deluxe Pizza	2453
2	The Barbecue Chicken Pizza	2432
3	The Hawaiian Pizza	2422
4	The Pepperoni Pizza	2418
5	The Thai Chicken Pizza	2371



Q.6 Join the necessary tables to find the total quantity of each pizza category ordered.

```
SELECT Pizza_types.category,  
sum(Order_details.quantity) AS TOTAL_QTY  
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 TOTAL_QTY DESC;
```



Results		Messages
	category	TOTAL_QTY
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

Q. 7 Join relevant tables to find the category-wise distribution of pizzas.

```
SELECT Category,  
COUNT(name) AS Categorical_count  
FROM Pizza_types  
GROUP BY Category;
```

FREE
DELIVERY
SERVICE



Results			Messages		
	Category	Categorical_count			
1	Chicken	6			
2	Classic	8			
3	Supreme	9			
4	Veggie	9			





Q.8 Group the orders by date and calculate the average number of pizzas ordered per day.

```
SELECT ROUND(AVG(quantity),0) AS Average_Order_Pizza FROM
(SELECT Orders.date,SUM(Order_details.quantity) AS quantity
FROM Orders
INNER JOIN
Order_details
ON Orders.order_id=Order_details.order_id
GROUP BY Orders.date) AS Order_quantity;
```

Results		Messages	
Average_Order_Pizza			
1	138		

Q.9 DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE.

```
SELECT TOP 3 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 Pizzas.pizza_id=Order_details.pizza_id  
GROUP BY Pizza_types.name  
ORDER BY Revenue DESC;
```

Results			Messages		
	name		Revenue		
1	The Thai Chicken Pizza		43434.25		
2	The Barbecue Chicken Pizza		42768		
3	The California Chicken Pizza		41409.5		

1.



2.



3.



10. CALCULATE THE PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE.

```
SELECT Pizza_types.category,  
CONCAT(ROUND(SUM(Order_details.quantity * Pizzas.price) /  
(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)  
* 100, 2), '%') AS Percentagewise_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.category  
ORDER BY Percentagewise_revenue DESC;
```

Results			Messages		
	category	Percentagewise_revenue			
1	Classic	26.91%			
2	Supreme	25.46%			
3	Chicken	23.96%			
4	Veggie	23.68%			

Summary Insights :

In This Pizza Sales Project reveals that a total of 21,350 order generated 817,860.05 in revenue. The highest-priced 35.95 Rs pizza is the Greek Pizza , while the most commonly ordered size is Large, with 18,526 orders. The top five pizzas by quantity are The Classic Deluxe Pizza (2,453), The Barbecue Chicken Pizza (2,432), The Hawaiian Pizza (2,422), The Pepperoni Pizza (2,418), and The Thai Chicken Pizza (2,371). In terms of categories, Classic pizzas dominate with 14,888 orders, contributing 26.91% to total revenue. The average daily order quantity stands at 138 pizzas, highlighting steady demand and opportunities for targeted marketing strategies.

THANK YOU!

