

PIZZA SALES ANALYSIS USING SQL

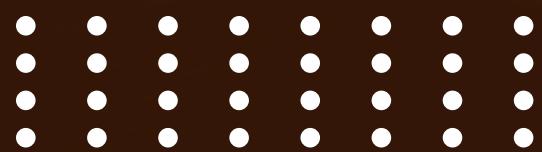
ORDER
NOW



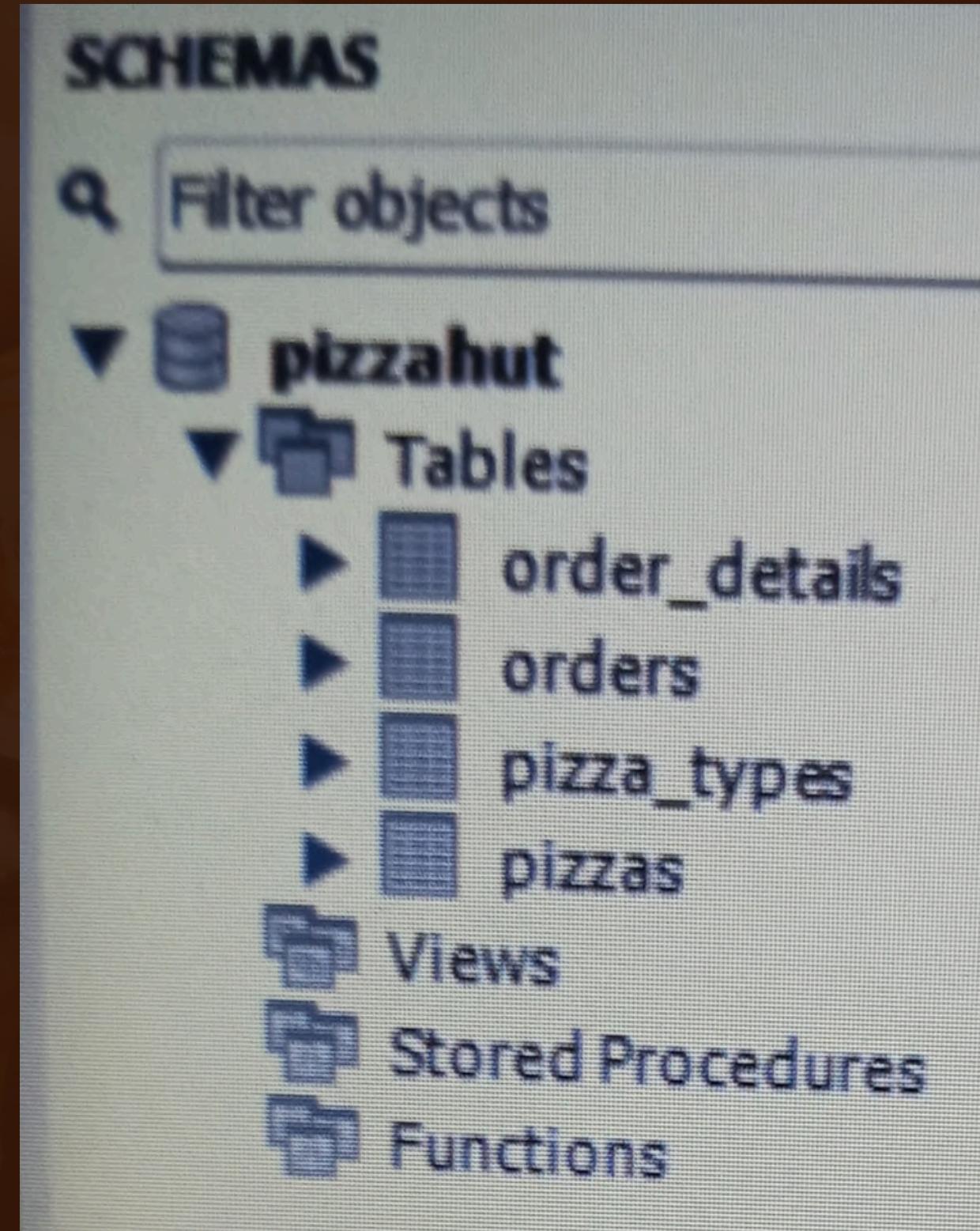


HELLO!!

I'M MRINMAY GAULKAR,I explored a pizza sales dataset and wrote structured queries to answer real-world business questions.



SCHEMA



- Best Cheese
- Fresh Sausage
- Fresh Vegetable
- Delicious Meat



```
2
3 •   SELECT
4     count(order_id) AS total_orders
5   FROM orders;|
6
```

Result Grid	
	Filter Rows:
total_orders	
▶ 19366	

Retrieve the total number of orders placed.

calculate the total revenue generated from pizza sales.



\$20

Margherita Pizza

```
2 •   SELECT
3   ROUND (SUM(order_details.quantity * pizzas.price),
4   2)AS total_sales
5   FROM
6   order_details JOIN pizzas
7   ON pizzas.pizza_id = order_details.pizza_id;
```

Result Grid	
	Filter Rows:
total_sales	
817860.05	



\$30

Veggie Delight

Identity the highest priced pizza.

```
2 •   SELECT
3       pizza_types.name, pizzas.price
4   FROM
5       pizza_types JOIN
6       pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
7   ORDER BY pizzas.price DESC LIMIT 1;    [
```

Result Grid

Filter Rows:

name	price
The Greek Pizza	35.95



Identity the most common pizza size ordered.

```
3 •   SELECT pizzas.size,  
4       COUNT(order_details.order_details_id) AS order_count  
5   FROM pizzas JOIN  
6       order_details ON pizzas.pizza_id = order_details.pizza_id  
7   GROUP BY pizzas.size ORDER BY order_count DESC;  
8  
9
```

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

List the tops most ordered pizza types along with their quantities.

```
3 •   SELECT pizza_types.name,  
4     SUM(order_details.quantity) AS quantity  
5   FROM pizza_types JOIN pizzas  
6     ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
7   JOIN order_details  
8     ON order_details.pizza_id = pizzas.pizza_id  
9   GROUP BY pizza_types.name ORDER BY quantity DESC LIMIT 5;
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:

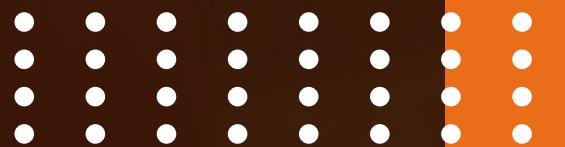


Fetch rows:

	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



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



```
1 -- total quantity of each pizza category ordered.  
2 •  
3 SELECT  
4     pizza_types.category,  
5     SUM(order_details.quantity) AS quantity FROM  
6     pizza_types JOIN  
7     pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id JOIN  
8     order_details ON order_details.pizza_id = pizzas.pizza_id  
9     GROUP BY pizza_types.category
```

Result Grid		
	category	quantity
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050



Join relevant tables to find the category wise distribution.

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

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



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

```
2 • SELECT pizza_types.name,  
3     SUM(order_details.quantity * pizzas.price) AS revenue FROM  
4     pizza_types JOIN  
5     pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id JOIN  
6     order_details ON order_details.pizza_id = pizzas.pizza_id  
7     GROUP BY pizza_types.name  
8     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

calculate the percentage contribution of pizza type to total revenue.

```
3 •   SELECT pizza_types.category,  
4     ROUND(SUM(order_details.quantity * pizzas.price) / (SELECT  
5       ROUND(SUM(order_details.quantity * pizzas.price),  
6         2)AS total_sales FROM order_details JOIN  
7           pizzas ON pizzas.pizza_id = order_details.pizza_id)*100,2) AS revenue  
8     FROM pizza_types JOIN pizzas ON  
9       pizza_types.pizza_type_id = pizzas.pizza_type_id  
10      JOIN order_details ON order_details.pizza_id = pizzas.pizza_id  
11      GROUP BY pizza_types.category ORDER BY revenue DESC;
```

	category	revenue
▶	Classic	26.91
	Supreme	25.46
	Chicken	23.96
	Veggie	23.68

