



PIZZA BOX

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● WHERE EVERY SLICE TELLS A STORY



Home

About

Contact



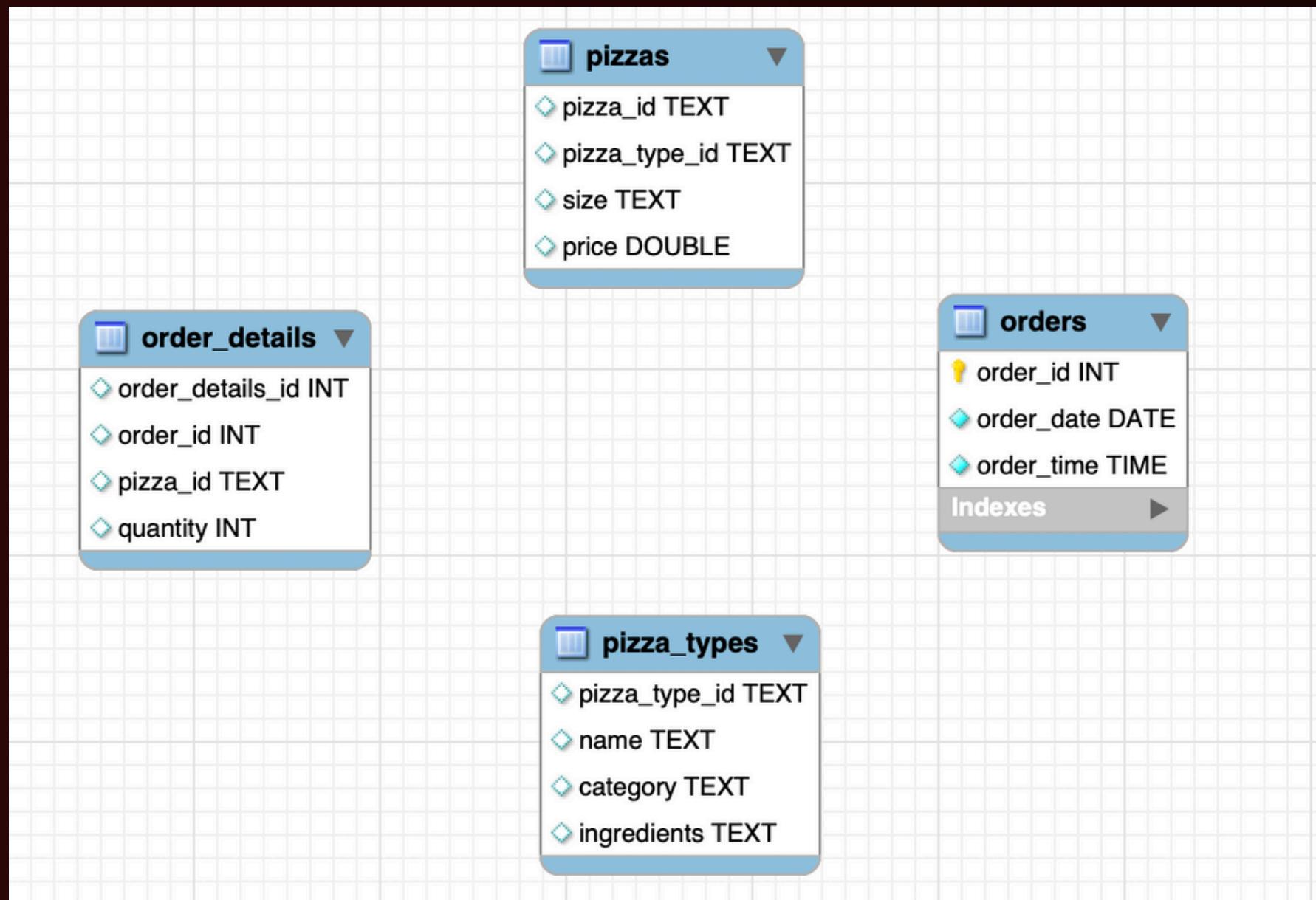


HELLO!

My name is Bhavyadeep Sharma. In this project I have utilized sql queries to solve questions related to pizza sales.



DATA MODEL

[Home](#)[About](#)[Contact](#)



QUESTIONS RELATED TO PIZZA SALES

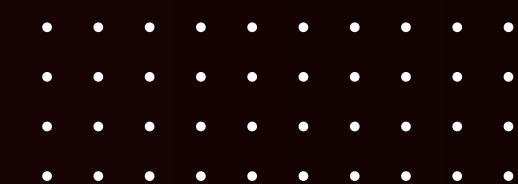


- Retrieve the total number of orders placed.
- Calculate the total revenue generated from pizza sales.
- Identify the highest-priced pizza.
- Identify the most common pizza size ordered.
- List the top 5 most ordered pizza types along with their quantities.
- Join the necessary tables to find the total quantity of each pizza category ordered.
- Determine the distribution of orders by hour of the day.
- Join relevant tables to find the category-wise distribution of pizzas.
- Group the orders by date and calculate the average number of pizzas ordered per day.
- Determine the top 3 most ordered pizza types based on revenue.



```
SELECT  
    COUNT(order_id) Total_orders  
FROM  
    orders;
```

Total_orders
21350





```
SELECT  
    ROUND(SUM(od.quantity * p.price), 2) Total_Sales  
FROM  
    order_details od  
        JOIN  
    pizzas p ON od.pizza_id = p.pizza_id;
```

| Total_Sales

| 817860.05



**SELECT**

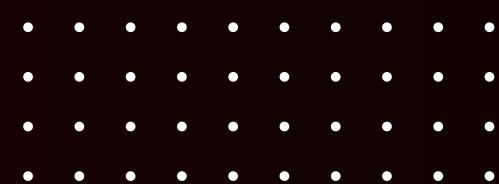
pt.name, p.price

FROM

pizzas p

JOINpizza_types pt **ON** p.pizza_type_id = pt.pizza_type_id**ORDER BY** p.price **DESC****LIMIT** 1;

name	price
The Greek Pizza	35.95





```
SELECT
    p.size, COUNT(od.order_details_id) order_count
FROM
    pizzas p
        JOIN
    order_details od ON p.pizza_id = od.pizza_id
GROUP BY p.size
ORDER BY order_count DESC;
```

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



**SELECT**

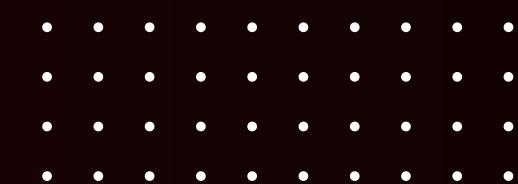
pt.name, SUM(od.quantity) Quantity

FROM

pizza_types pt

JOINpizzas p **ON** pt.pizza_type_id = p.pizza_type_id**JOIN**order_details od **ON** od.pizza_id = p.pizza_id**GROUP BY** pt.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



**SELECT**

pt.category, SUM(od.quantity) Quantity_ordered

FROM

order_details od

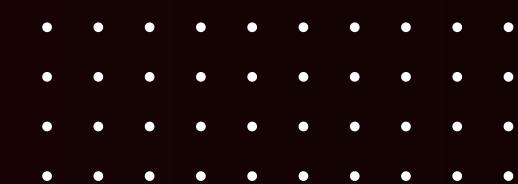
JOIN pizzas p **ON** od.pizza_id = p.pizza_id**JOIN** pizza_types pt **ON** pt.pizza_type_id = p.pizza_type_id**GROUP BY** pt.category**ORDER BY** Quantity_ordered **DESC**;

category	Quantity_order...
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050



**SELECT****HOUR(order_time) hour, COUNT(order_id) order_count****FROM****orders****GROUP BY hour;**

	hour	order_count
	11	1231
	12	2520
	13	2455
	14	1472
	15	1468
	16	1920
	17	2336
	18	2399
	19	2009
	20	1642
	21	1198
	22	663
	23	28
	10	8
	9	1



**SELECT**

category, COUNT(name) count_name

FROM

pizza_types

GROUP BY category;

category	count_name
Chicken	6
Classic	8
Supreme	9
Veggie	9



**SELECT**ROUND(AVG(quantity), 0) **as** Avg_pizza_ordered_per_day**FROM**

(SELECT

orders.order_date, SUM(order_details.quantity) **AS** quantity**FROM**

orders

JOIN order_details **ON** orders.order_id = order_details.order_id**GROUP** **BY** orders.order_date) **AS** order_quantity;

Avg_pizza_ordered_per_day

138



**SELECT**

pt.name, SUM(od.quantity * p.price) revenue

FROM

order_details od

JOINpizzas p **ON** p.pizza_id = od.pizza_id**JOIN**pizza_types pt **ON** pt.pizza_type_id = p.pizza_type_id**GROUP BY** pt.name**ORDER BY** revenue **DESC****LIMIT** 3;[Home](#)[About](#)[Contact](#)

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





THANK YOU

FOR ATTENTION

- 2025 PIZZA BOX PRESENTATION

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