

Where Every Slice is a Taste of Perfection

WELCOME TO PIZZA SALES

ORDER
NOW

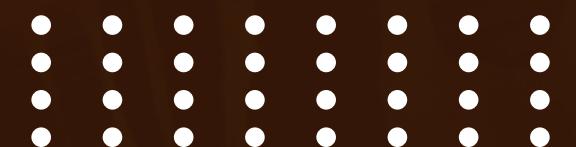
Start Your Slide



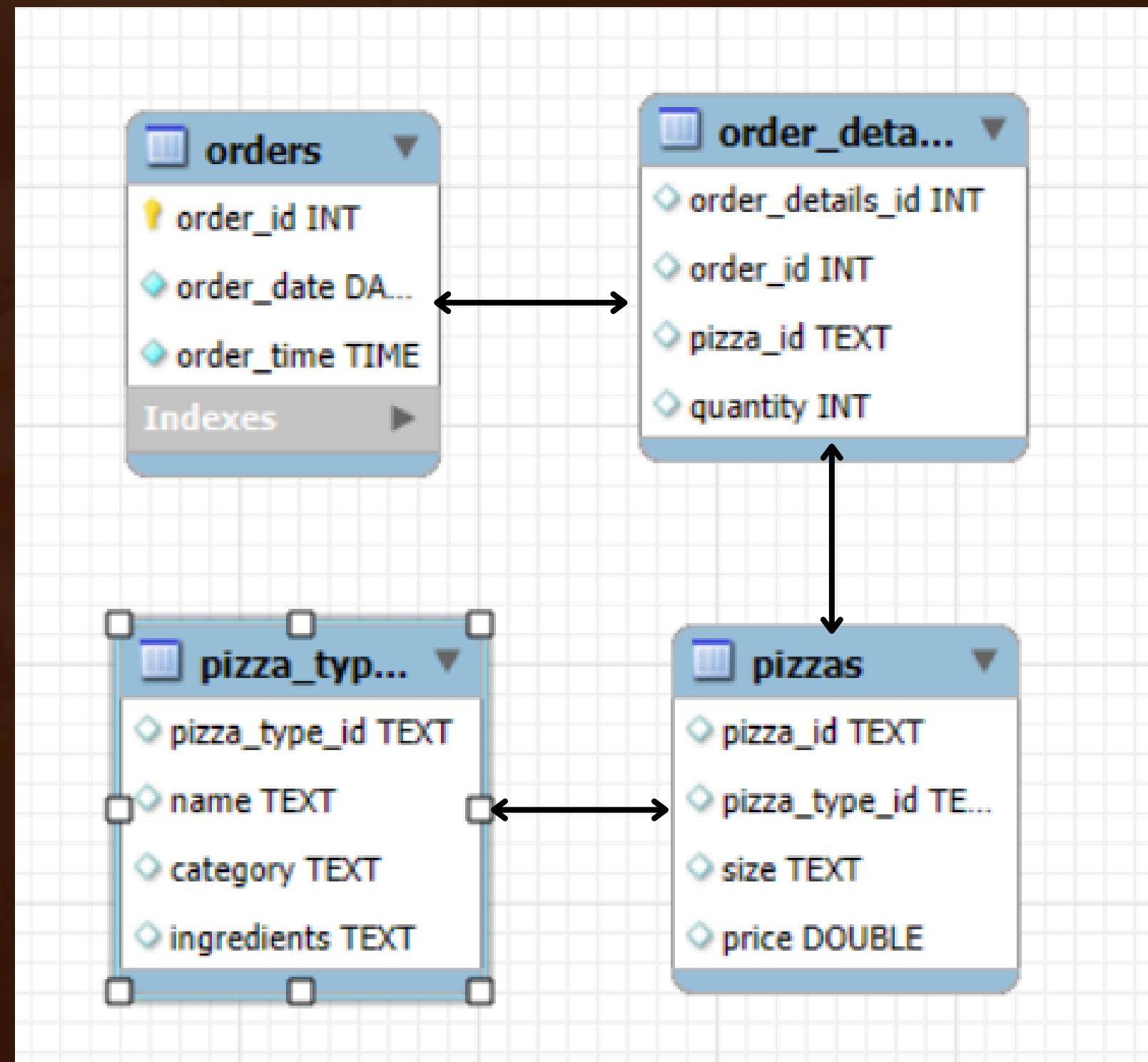
HELLO! ::::::::::

My Name is Soham Tanaji Raut

I have made this project to utilize SQL queries to analyze pizza sales data for a shop, focusing on transactions, customers, and inventory. Conducted complex analyses to identify best-selling pizzas, peak sales periods, and revenue trends. Delivered actionable insights to enhance business performance and decision-making.



EER Diagram



Basic Query



Retrieve the total number of orders placed.

```
select count(order_id) as Total_order  
from orders;
```

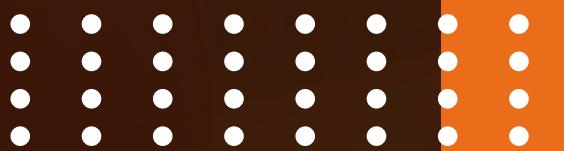
	Total_order
▶	545

Calculate the total revenue generated from pizza sales.

```
select round(sum( pizzas.price * order_details.quantity ), 0) as total_revenue  
from pizzas  
join order_details on pizzas.pizza_type_id = order_details.pizza_type_id;
```

	total_revenue
▶	4942

⋮⋮⋮



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

```
• select count(order_details.quantity) as total , pizza_types.name  
from order_details  
join pizzas on order_details.pizza_id = pizzas.pizza_id  
join pizza_types on pizza_types.pizza_type_id = pizzas.pizza_type_id  
group by pizza_types.name  
order by total desc limit 5;
```

	total	name
17	The California Chicken Pizza	
17	The Pepperoni Pizza	
16	The Five Cheese Pizza	
14	The Thai Chicken Pizza	
14	The Barbecue Chicken Pizza	

Intermediate Query

Determine the distribution of orders by hour of the day.

```
select count(order_details.quantity) as count_pizzas, hour(orders.order_time) as time  
from order_details  
join orders on order_details.order_id = orders.order_id  
group by hour(orders.order_time);
```

	count_pizzas	time				
▶	20	11				
	28	12				
	42	13				
	22	14				
	37	15				
	20	16				
	33	17				
	41	18				
	30	19				
	27	20				
	10	21				



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

```
select sum(pizzas.price * order_details.quantity) as price, pizza_types.name
from pizzas
join pizza_types 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 price desc limit 3;
```

	price	name
▶	308.75	The California Chicken Pizza
	296	The Five Cheese Pizza
	254.5	The Thai Chicken Pizza

Advanced Query



Calculate the percentage contribution of each pizza type to total revenue.

```
select pizza_types.category, (sum(order_details.quantity * pizzas.price) / (select sum(order_details.quantity * pizzas.price) as revenue
from order_details
join pizzas on order_details.pizza_id = pizzas.pizza_id )) * 100
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.category;
```

	category	average
▶	Classic	26.38874835576242
	Veggie	22.608519680259032
	Supreme	26.59212789638774
	Chicken	24.410604067590814



Analyze the cumulative revenue generated over time.

```
select order_date, sum(revenue) over (order by order_date) as cummulative
  from (select orders.order_date, sum(order_details.quantity * pizzas.price) as revenue
         from order_details
        join pizzas on pizzas.pizza_id = order_details.pizza_id
        join orders on order_details.order_id = orders.order_id
      group by orders.order_date ) as ales;
```

	order_date	cummulative
▶	2015-01-01	1465.4
	2015-01-02	2924.05
	2015-01-03	4195.1
	2015-01-04	4852.25
	2015-01-05	4941.5

THANK YOU FOR ATTENTION

See You Next