



**PIZAA
SALES**

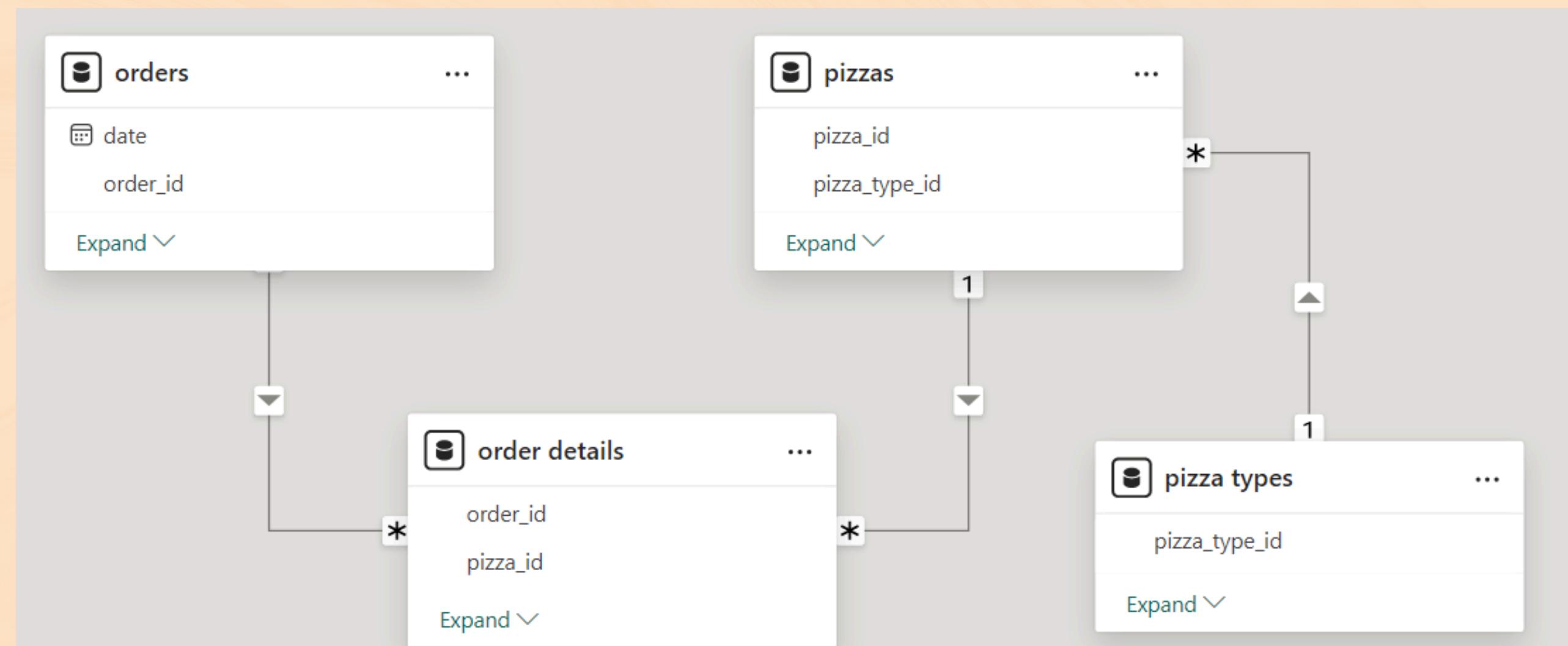
The background features a dynamic, abstract design with swirling patterns in shades of orange, white, and cream. It includes several large, solid orange circles of varying sizes scattered across the surface.

INTRODUCTION

Hi, my name is Pearl.I have presented one project of SQL on
PIZZA SALES.

IN this, i have solved some of the questions related to the
pizza sales and used some of the sql queries.

MODEL VIEW OF PIZZA SALES



Calculate the total revenue generated from pizza sales.

```
SELECT  
    round(SUM(order_details.quantity * pizzas.price),2) AS total_revenue  
FROM  
    order_details  
    JOIN  
    pizzas ON order_details.pizza_id = pizzas.pizza_id;
```

Result Grid	
	total_revenue
▶	817860.05

IDENTIFY THE HIGHEST-PRICED PIZZA.

```
SELECT
    pizza_types.name, pizzas.price
FROM
    pizzas
        JOIN
    pizza_types ON pizzas.pizza_type_id = pizza_types.pizza_type_id
ORDER BY pizzas.price DESC
LIMIT 1;
```

name	price
The Greek Pizza	35.95

IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

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

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

LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES.

```
SELECT
    pizza_types.name, COUNT(order_details.quantity) AS orders
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 orders DESC
LIMIT 5;
```

Result Grid | Filter Rows:

	name	orders
1	The Classic Deluxe Pizza	2416
2	The Barbecue Chicken Pizza	2372
3	The Hawaiian Pizza	2370
4	The Pepperoni Pizza	2369
5	The Thai Chicken Pizza	2315

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

```
SELECT
    pizza_types.category,
    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 sales
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 sales DESC;
```

category	sales
Classic	26.91
Supreme	25.46
Chicken	23.96
Veggie	23.68

GROUP THE ORDERS BY DATE AND CALCULATE THE AVERAGE NUMBER OF PIZZAS ORDERED PER DAY.

```
SELECT
    AVG(quantity)
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_by_date;
```

avg(quantity)

138.4749

THANK YOU