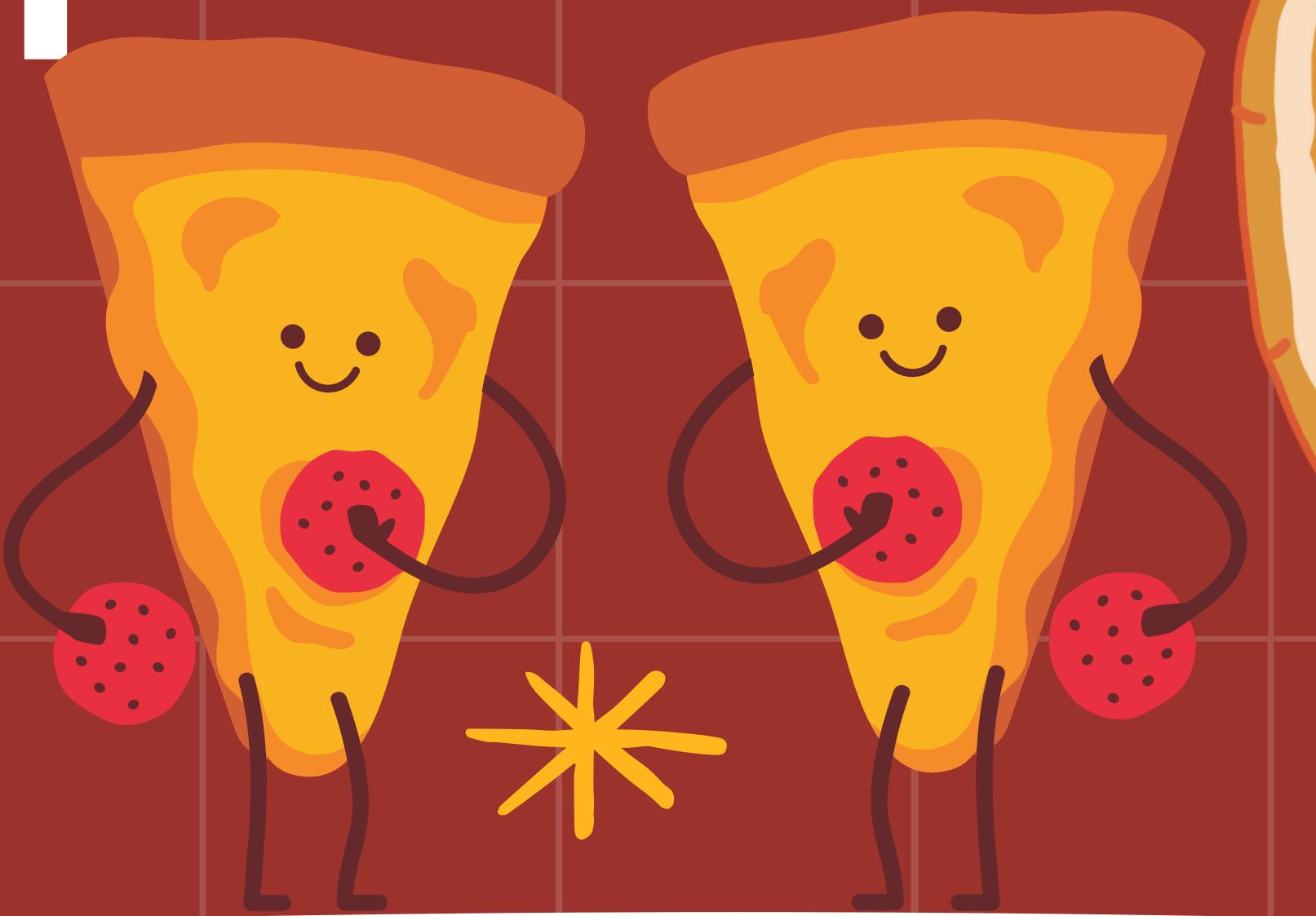
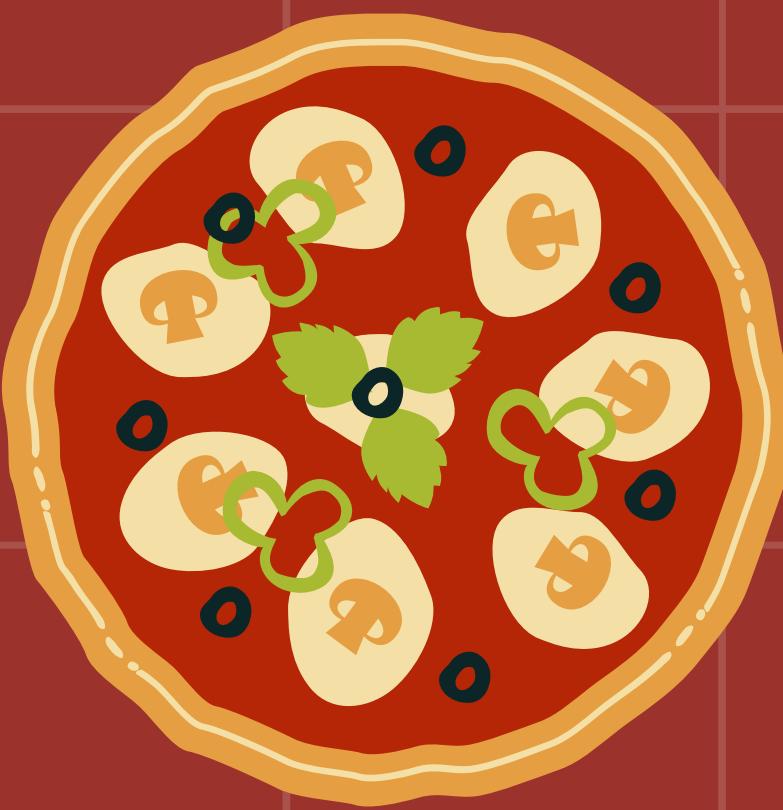


PIZZA SALES REPORT



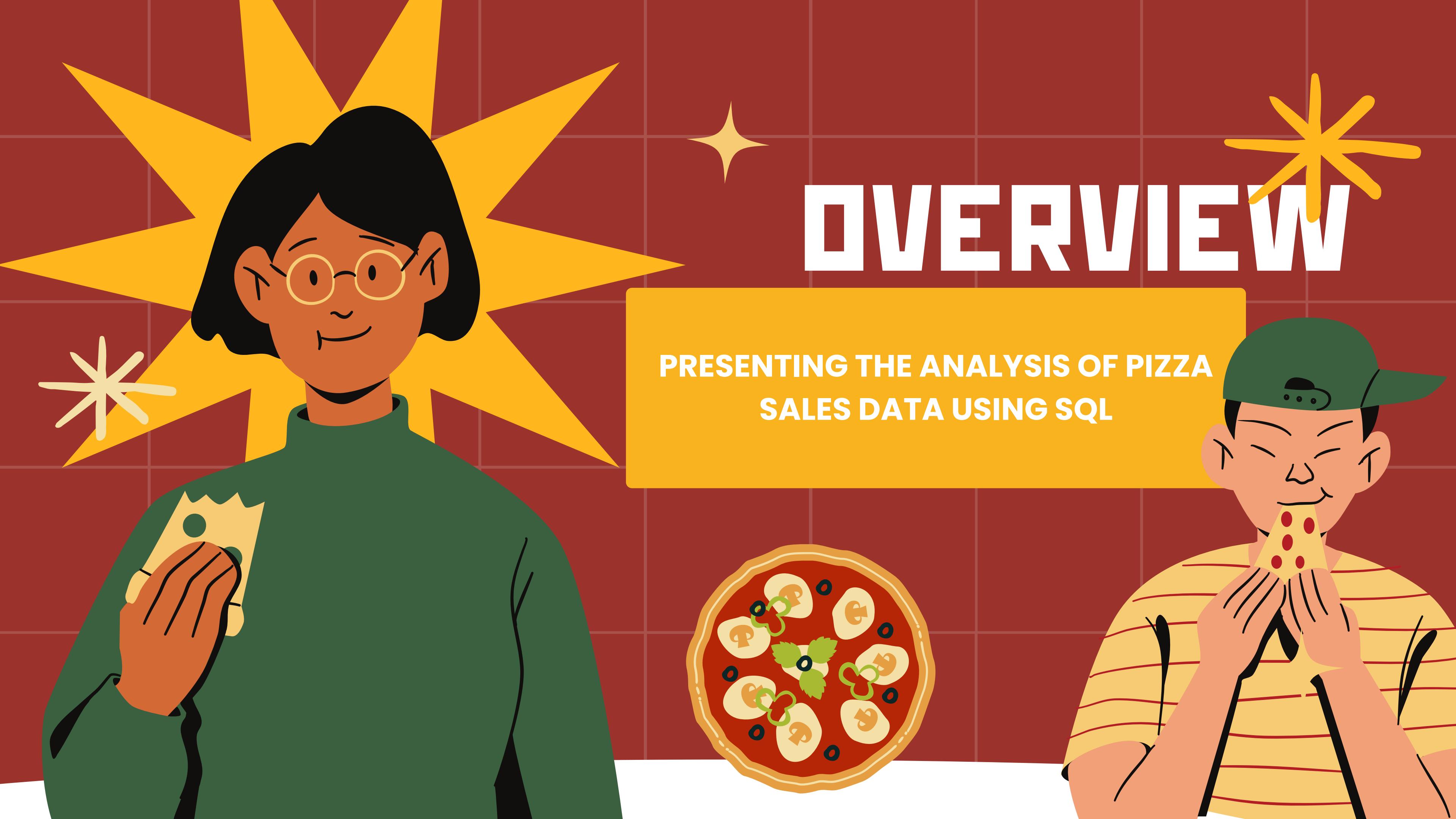
INTRODUCTION

Pizza is a dish that originates from Italy and is one of the favorite foods of many people in various parts of the world.

Let's start our adventure in the world of pizza!

OVERVIEW

PRESENTING THE ANALYSIS OF PIZZA
SALES DATA USING SQL



VARIATIONS



Pizza Margherita



Pepperoni Pizza

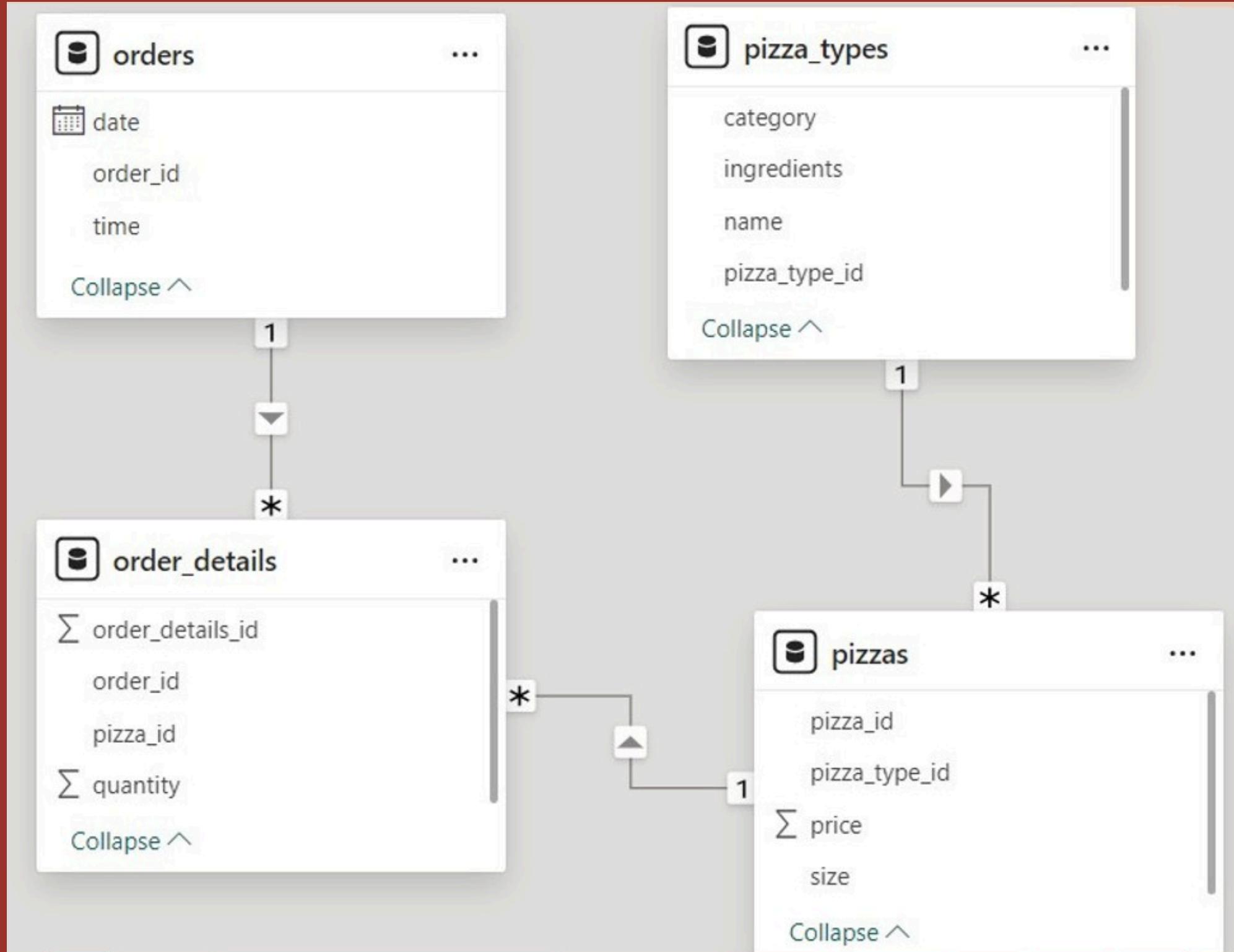


BBQ Chicken Pizza



Hawaiian Pizza

SCHEMA



Retrieve the total number of orders placed.



```
select * from orders;  
select count(order_id) as total_orders from orders;
```



	total_orders
▶	21350



Calculate the total revenue generated from pizza sales.



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



	total_revenue
▶	817860



Identify the highest-priced pizza.

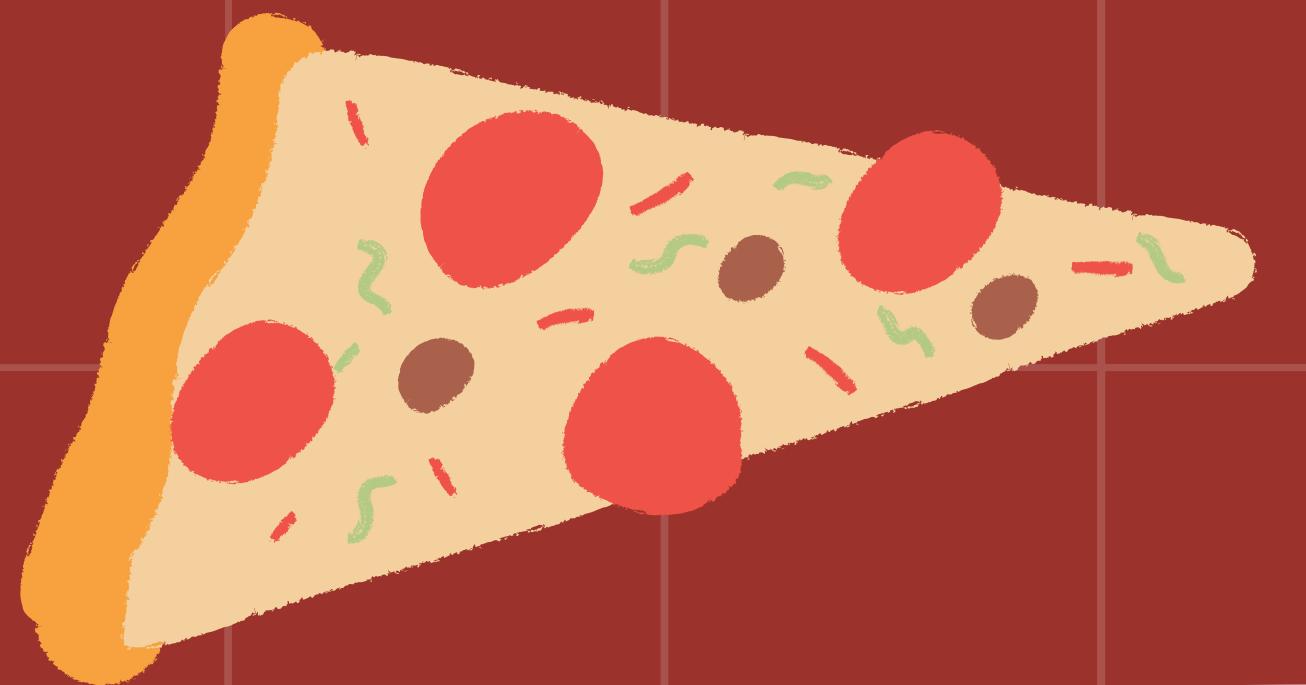
```
SELECT
    pizza_types.name, pizzas.price
FROM
    pizza_types
    JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
ORDER BY pizzas.price DESC
LIMIT 1;
```

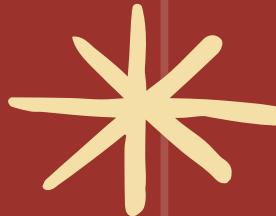
	name	price
▶	The Greek Pizza	35.95

Identify the most common pizza size ordered.

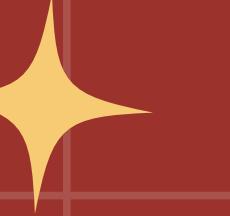
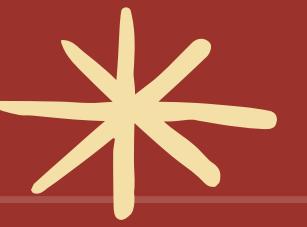
```
SELECT pizzas.size,  
       COUNT(order_details.order_details_id) AS pizza_count  
FROM pizzas  
      JOIN order_details ON pizzas.pizza_id = order_details.pizza_id  
GROUP BY pizzas.size  
ORDER BY pizza_count DESC;
```

	size	pizza_count
▶	L	18526
	M	15385
	S	14137
	XL	544
	XXL	28

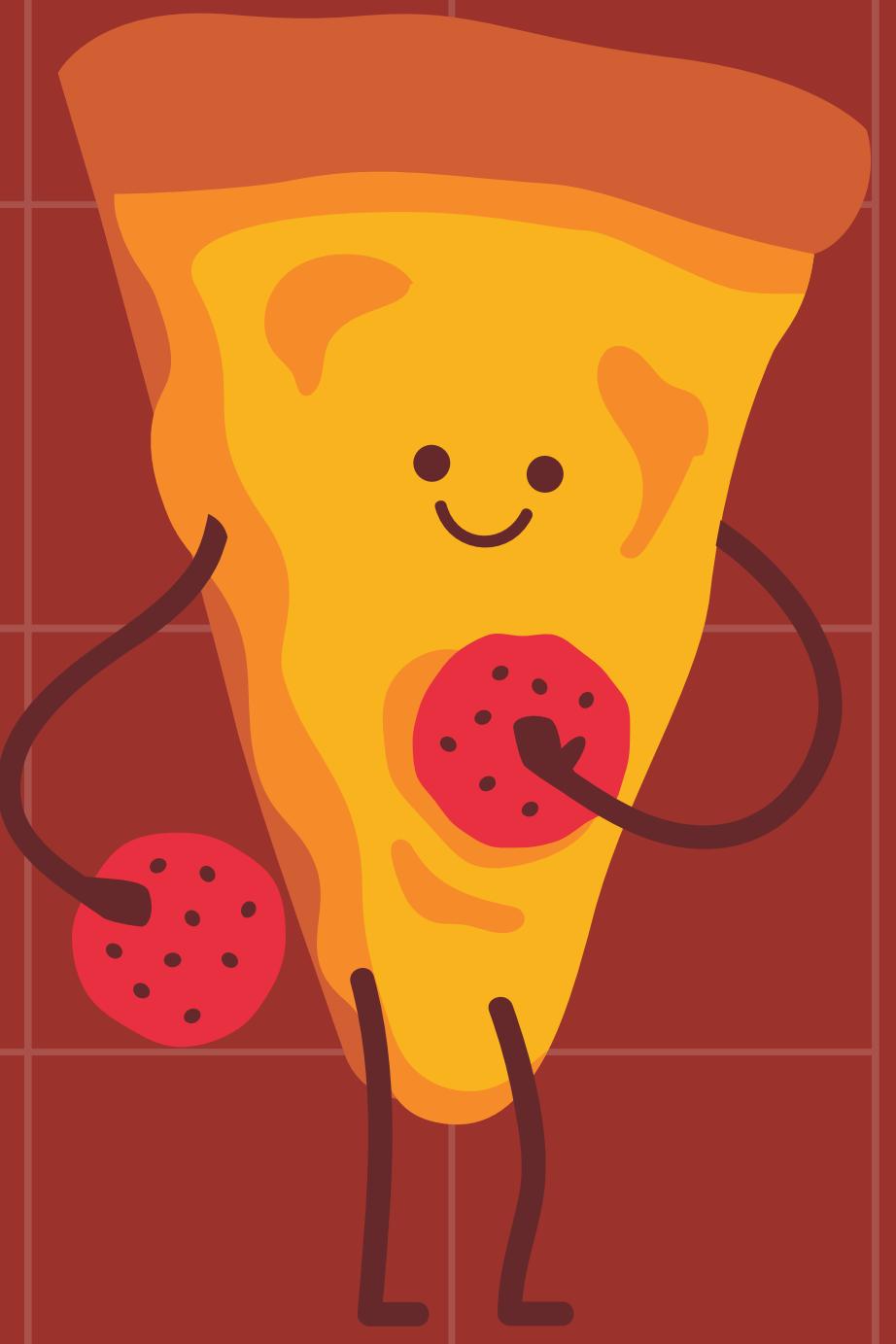


 List the top 5 most ordered pizza types along with their quantities.

```
SELECT  
    pizza_types.name, 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 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



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



SELECT

```
    pizza_types.category,  
    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.category  
ORDER BY quantity DESC;
```

	category	quantity
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050



Determine the distribution of orders by hour of the day.

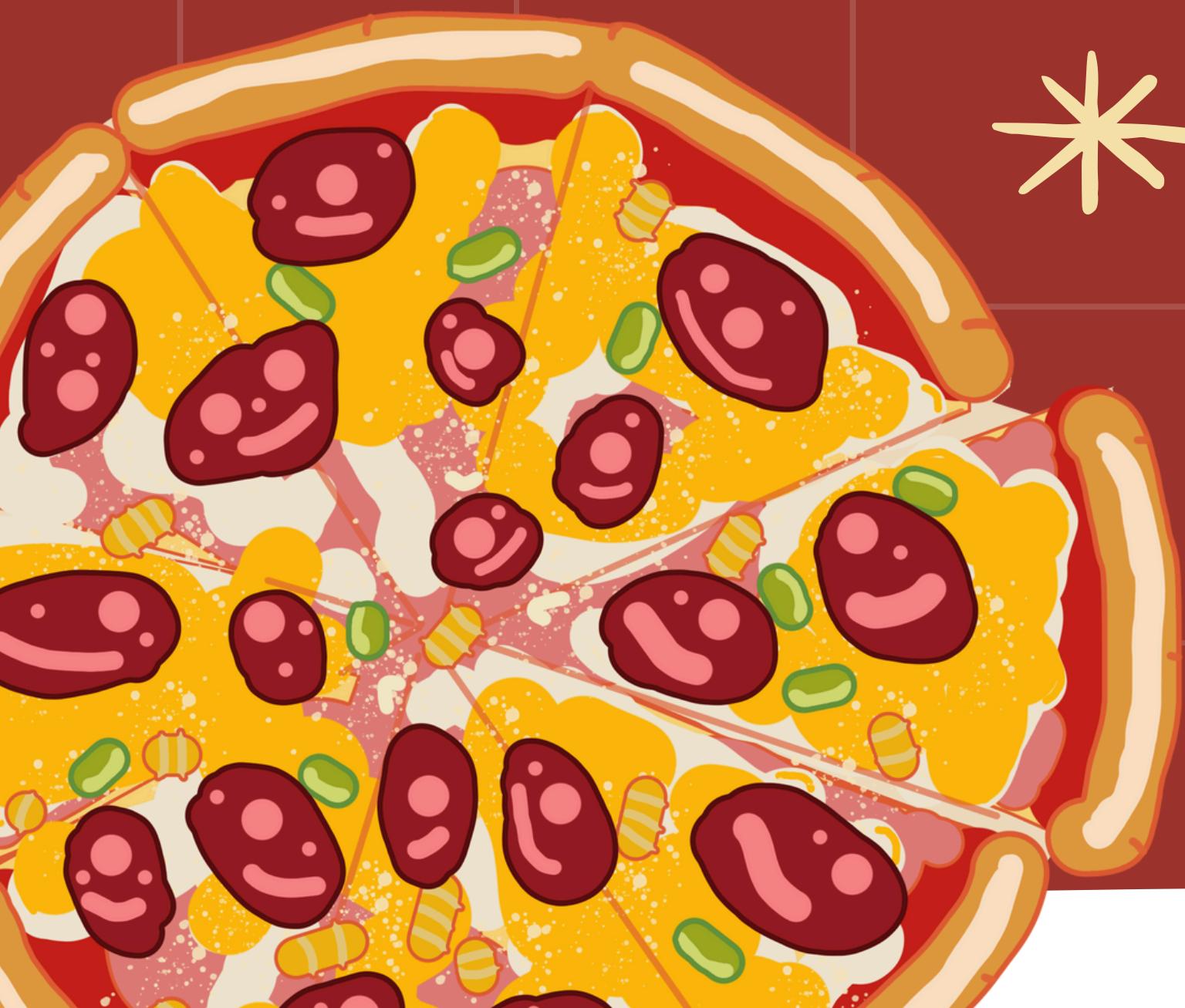
SELECT

HOUR(order_time) AS hour, COUNT(order_id) AS order_count

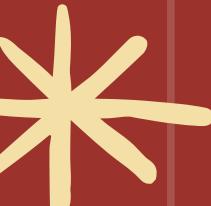
FROM

orders

GROUP BY HOUR(order_time);



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



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

SELECT

category, COUNT(name)

FROM

pizza_types

GROUP BY category;

category	count(name)
Chicken	6
Classic	8
Supreme	9
Veggie	9



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



SELECT

ROUND(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_quantity;

round(avg(quantity))

138

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



SELECT

```
    pizza_types.name,  
    ROUND(SUM((order_details.quantity) * (pizzas.price))) AS revenue  
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.name  
ORDER BY revenue DESC  
LIMIT 3;
```

	name	revenue
▶	The Thai Chicken Pizza	43434
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41410





THANK YOU

“Have fun making your own pizza
and enjoy every bite”