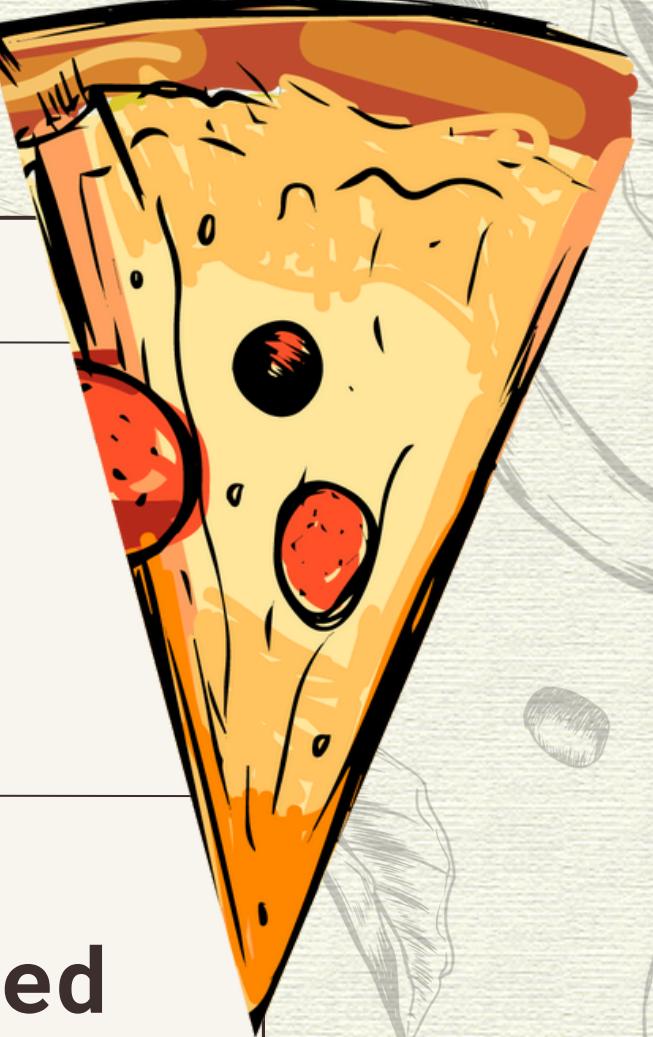


SQL PROJECT ON PIZZA SALES

By. Shiva G Waghe





Hello !

My name is Shiva G. Waghe, and I completed a SQL project on pizza sales. In this project, I used SQL queries to query the sales data.





Retrieve the total number of orders placed

```
SELECT  
    COUNT(order_id) AS total_order  
FROM  
    orders;
```

| | total_order |
|---|-------------|
| ▶ | 21350 |



Calculate the total revenue generated from pizza sales.

```
SELECT  
    ROUND(SUM(p.price * o.quantity), 1) AS total_revenue_of_pizza_sales  
FROM  
    pizzas p  
    JOIN  
    orders_details o ON p.pizza_id = o.pizza_id;
```

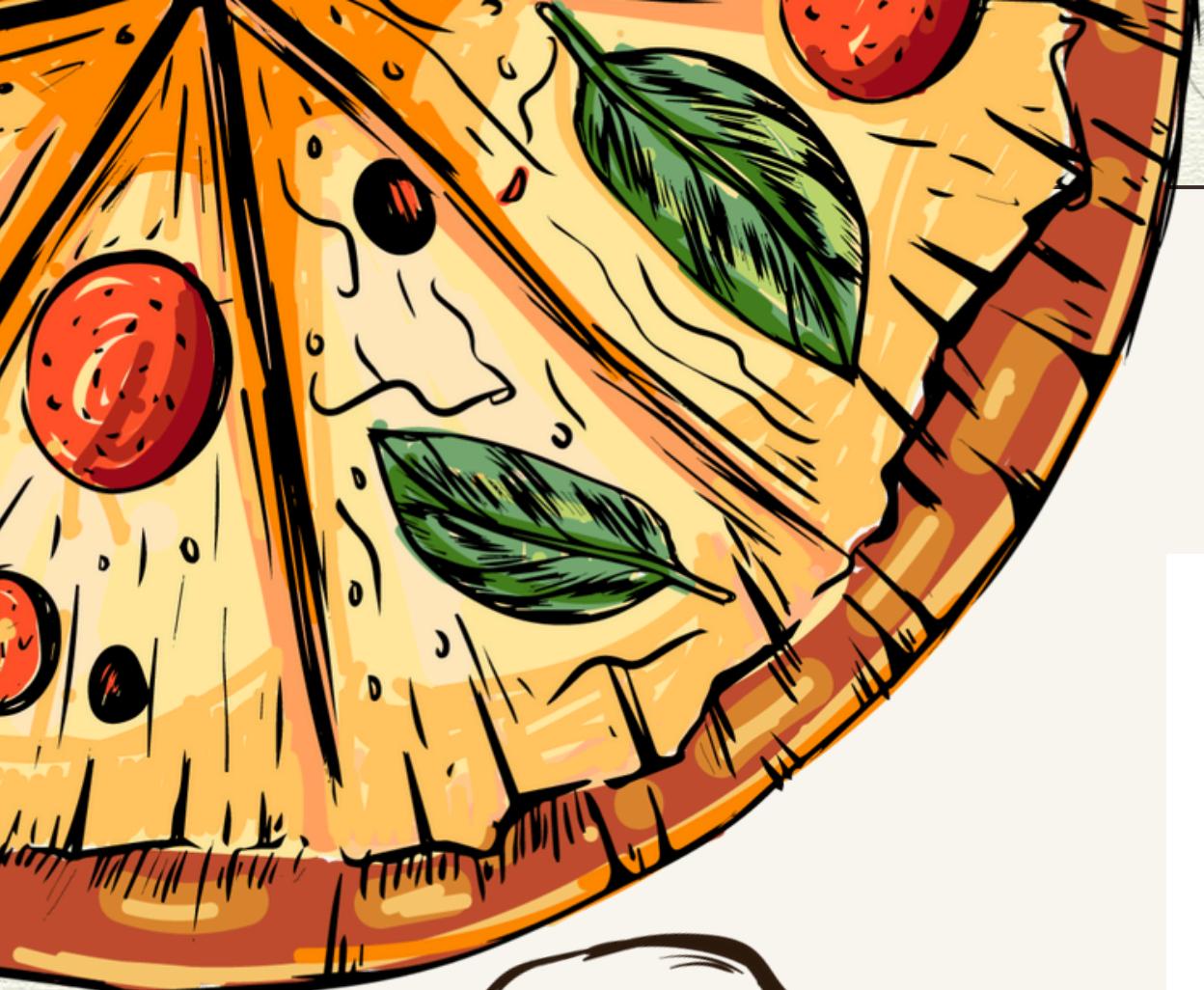
| | total_revenue_of_pizza_sales |
|---|------------------------------|
| ▶ | 817860 |



Identify the highest-priced pizza

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

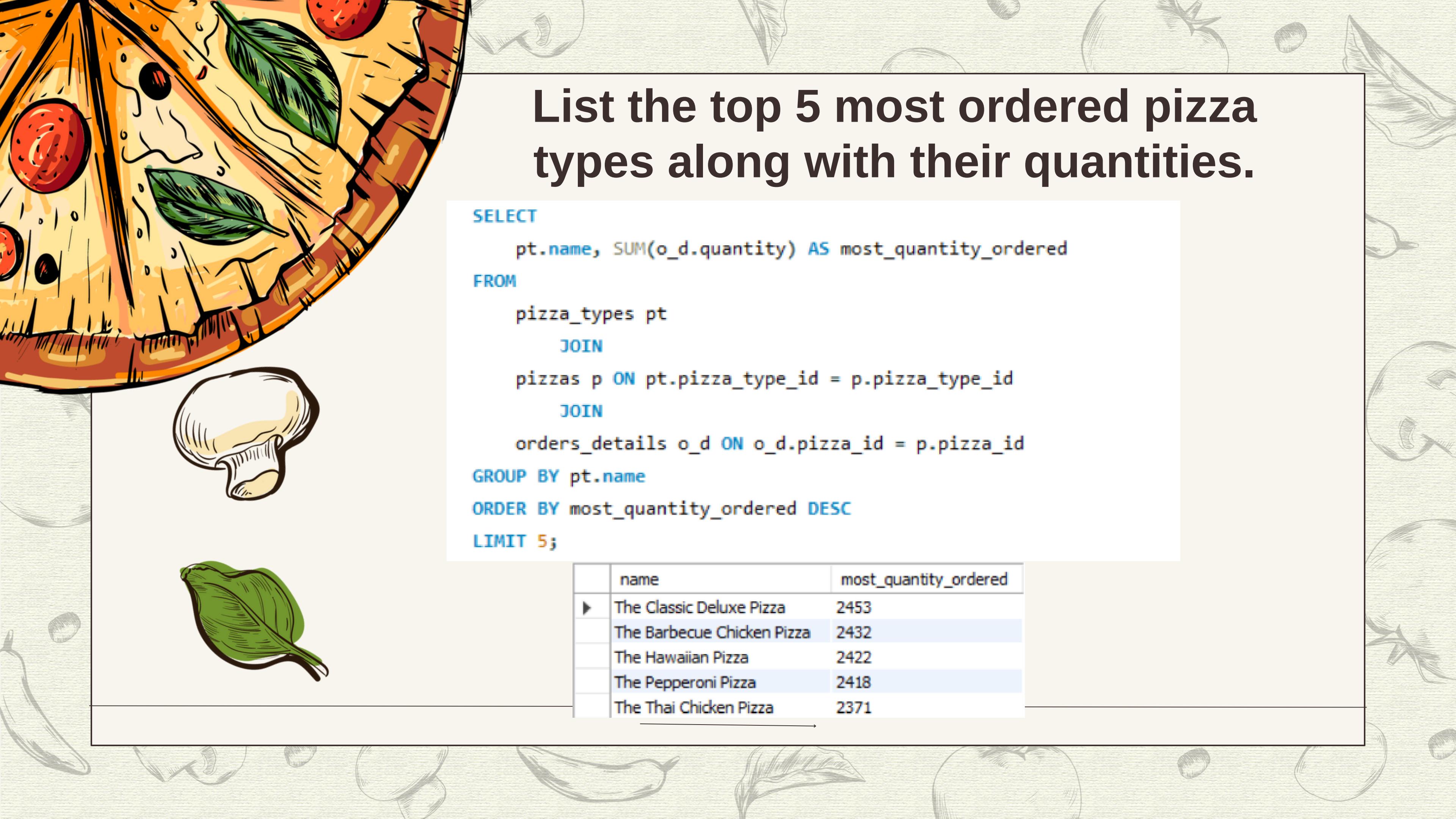
| | name | price |
|---|-----------------|-------|
| ▶ | The Greek Pizza | 35.95 |



Identify the most common pizza size ordered.

```
SELECT  
    p.size, COUNT(o.order_detail_id) AS common_pizza_ordered  
FROM  
    pizzas p  
    JOIN  
    orders_details o ON p.pizza_id = o.pizza_id  
GROUP BY p.size  
ORDER BY common_pizza_ordered DESC  
LIMIT 1;
```

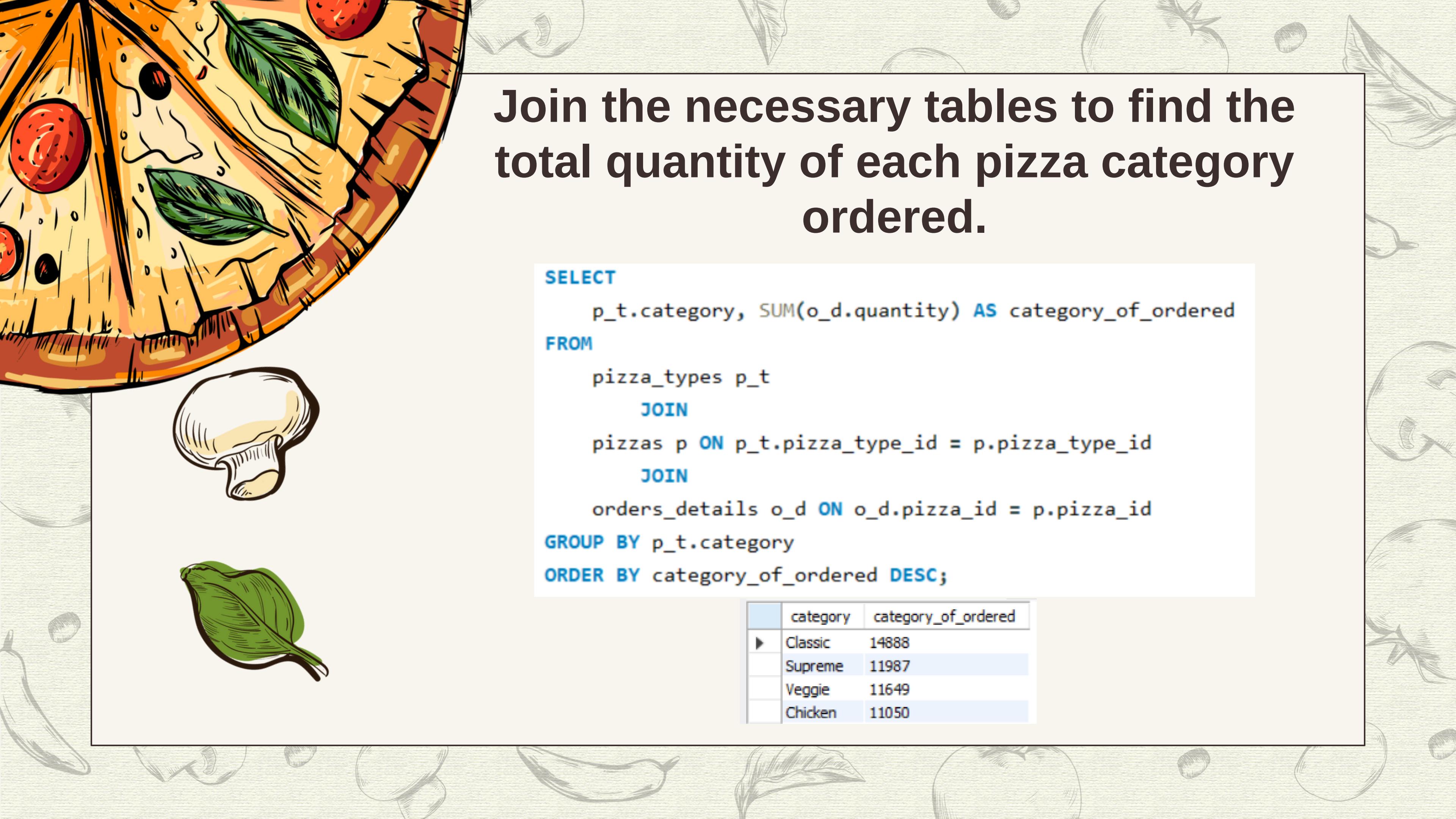
| | size | common_pizza_ordered |
|---|------|----------------------|
| ▶ | L | 18526 |



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

```
SELECT pt.name, SUM(o_d.quantity) AS most_quantity_ordered  
FROM pizza_types pt  
JOIN pizzas p ON pt.pizza_type_id = p.pizza_type_id  
JOIN orders_details o_d ON o_d.pizza_id = p.pizza_id  
GROUP BY pt.name  
ORDER BY most_quantity_ordered DESC  
LIMIT 5;
```

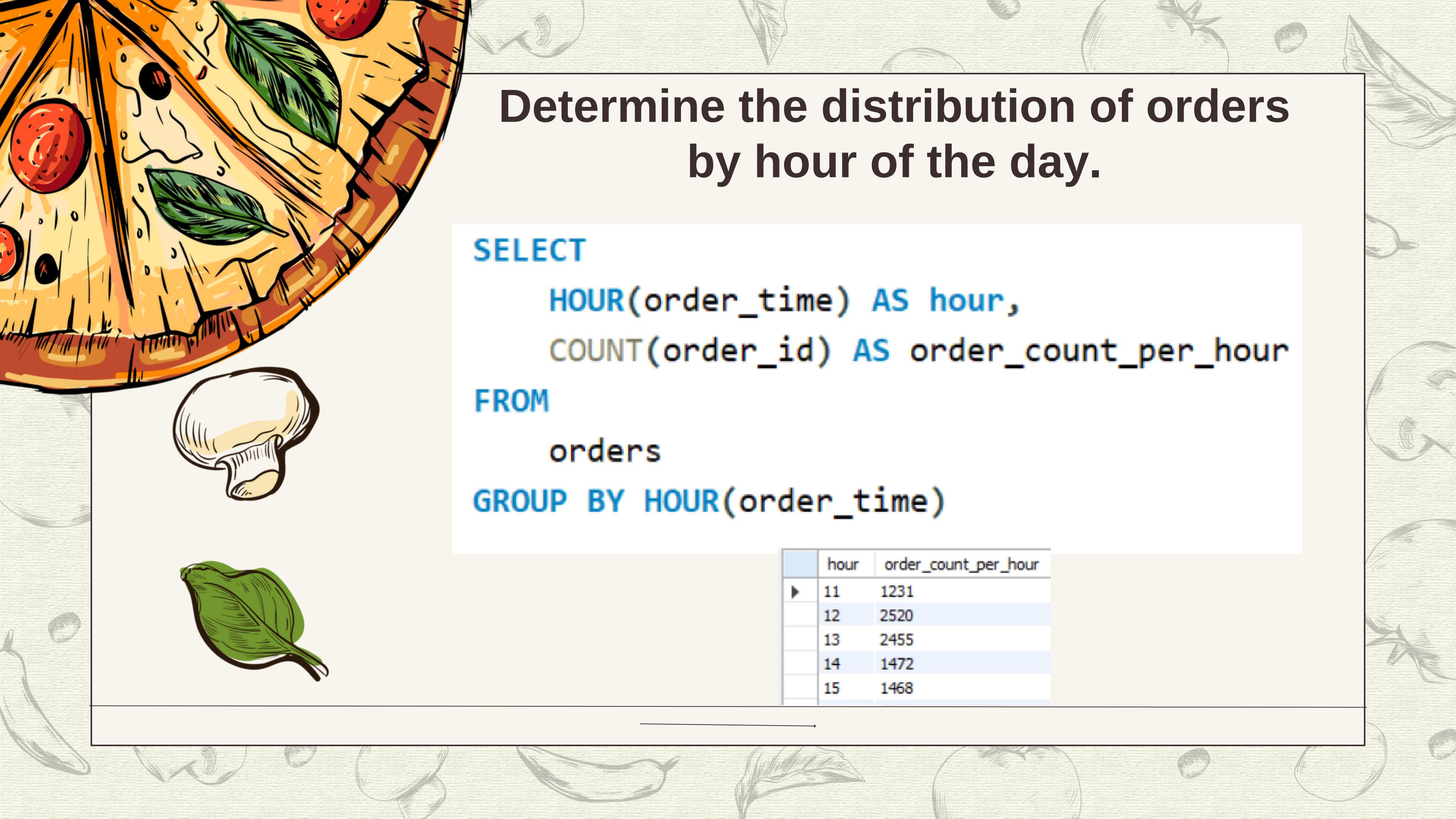
| | name | most_quantity_ordered |
|---|----------------------------|-----------------------|
| ▶ | The Classic Deluxe Pizza | 2453 |
| | The Barbecue Chicken Pizza | 2432 |
| | The Hawaiian Pizza | 2422 |
| | The Pepperoni Pizza | 2418 |
| | The Thai Chicken Pizza | 2371 |



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

```
SELECT  
    p_t.category, SUM(o_d.quantity) AS category_of_ordered  
FROM  
    pizza_types p_t  
        JOIN  
    pizzas p ON p_t.pizza_type_id = p.pizza_type_id  
        JOIN  
    orders_details o_d ON o_d.pizza_id = p.pizza_id  
GROUP BY p_t.category  
ORDER BY category_of_ordered DESC;
```

| | category | category_of_ordered |
|---|----------|---------------------|
| ▶ | Classic | 14888 |
| | Supreme | 11987 |
| | Veggie | 11649 |
| | Chicken | 11050 |



Determine the distribution of orders by hour of the day.

SELECT

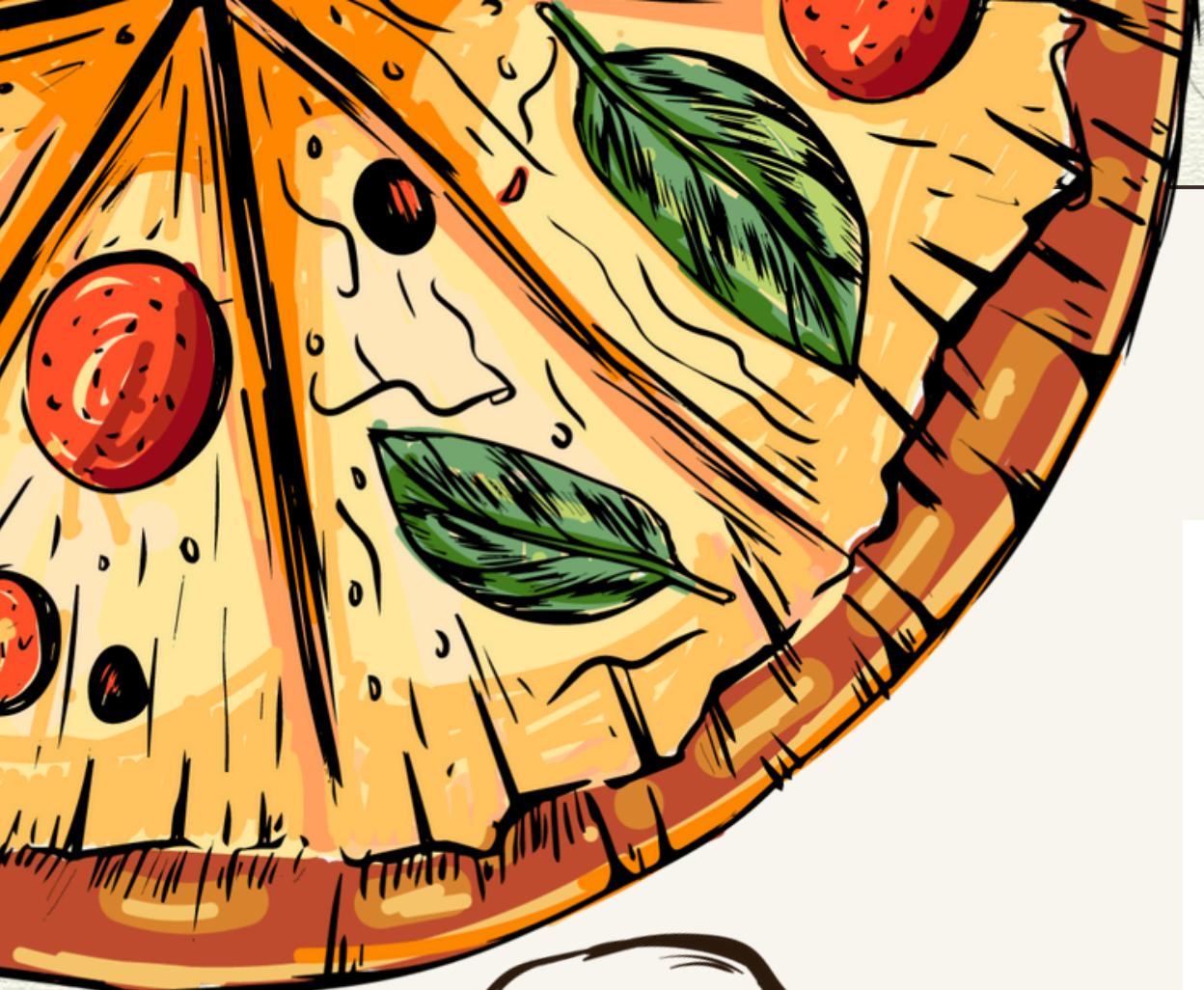
HOUR(order_time) AS hour,
COUNT(order_id) AS order_count_per_hour

FROM

orders

GROUP BY HOUR(order_time)

| | hour | order_count_per_hour |
|---|------|----------------------|
| ▶ | 11 | 1231 |
| | 12 | 2520 |
| | 13 | 2455 |
| | 14 | 1472 |
| | 15 | 1468 |



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

```
SELECT * FROM pizzahut.pizza_types;
```



```
select category, count(name)  
from pizza_types as p_t  
group by category;
```

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



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

```
SELECT  
    p_t.name,  
    ROUND(SUM(o_d.quantity * p.price), 1) AS total_revenue  
FROM  
    pizza_types p_t  
        JOIN  
    pizzas p ON p.pizza_type_id = p_t.pizza_type_id  
        JOIN  
    orders_details o_d ON o_d.pizza_id = p.pizza_id  
GROUP BY p_t.name  
ORDER BY total_revenue DESC  
LIMIT 3;
```

| | name | total_revenue |
|---|------------------------------|---------------|
| ▶ | The Thai Chicken Pizza | 43434.2 |
| | The Barbecue Chicken Pizza | 42768 |
| | The California Chicken Pizza | 41409.5 |

Thank You !

