

Delicious
PIZZA

Sales



A daily pizza sales query typically refers to a database query used to retrieve information about the sales of pizzas on a daily basis. This can be part of a larger sales report for a restaurant or pizza delivery service, enabling management to track performance, customer demand, and overall revenue.

Date and Time:

Pizza Type/Category:

Quantity Sold:

Revenue Generated:

Order

Sales Strategy:



-- Retrieve the total number of orders placed.

select count(order_id) from orders;

Result Grid	
	count(order_id)
▶	21350

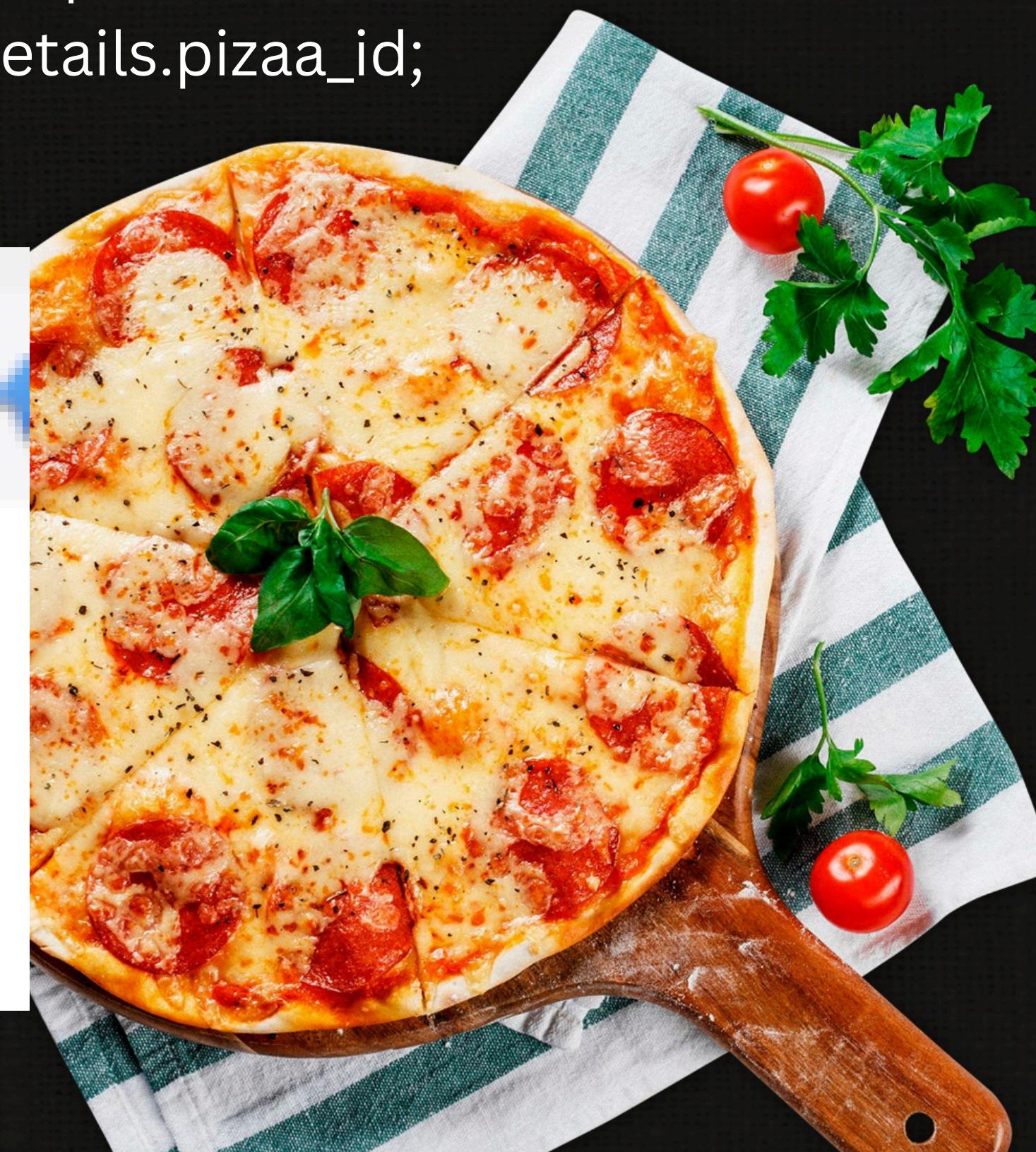


-- Calculate the total revenue generated from pizza sales.

```
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;
```

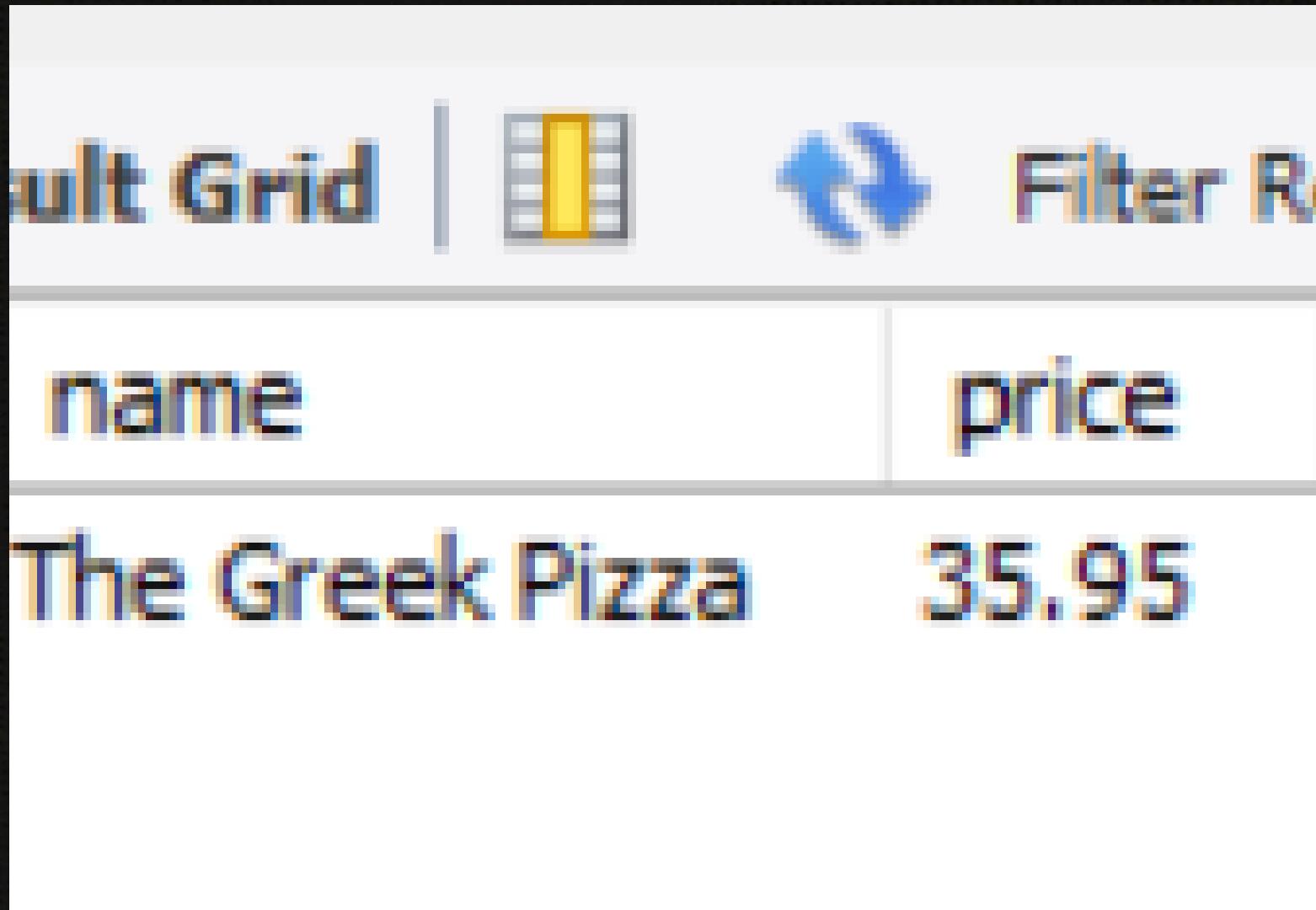
Result Grid	SQL
	total_sales

817860.05



-- 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



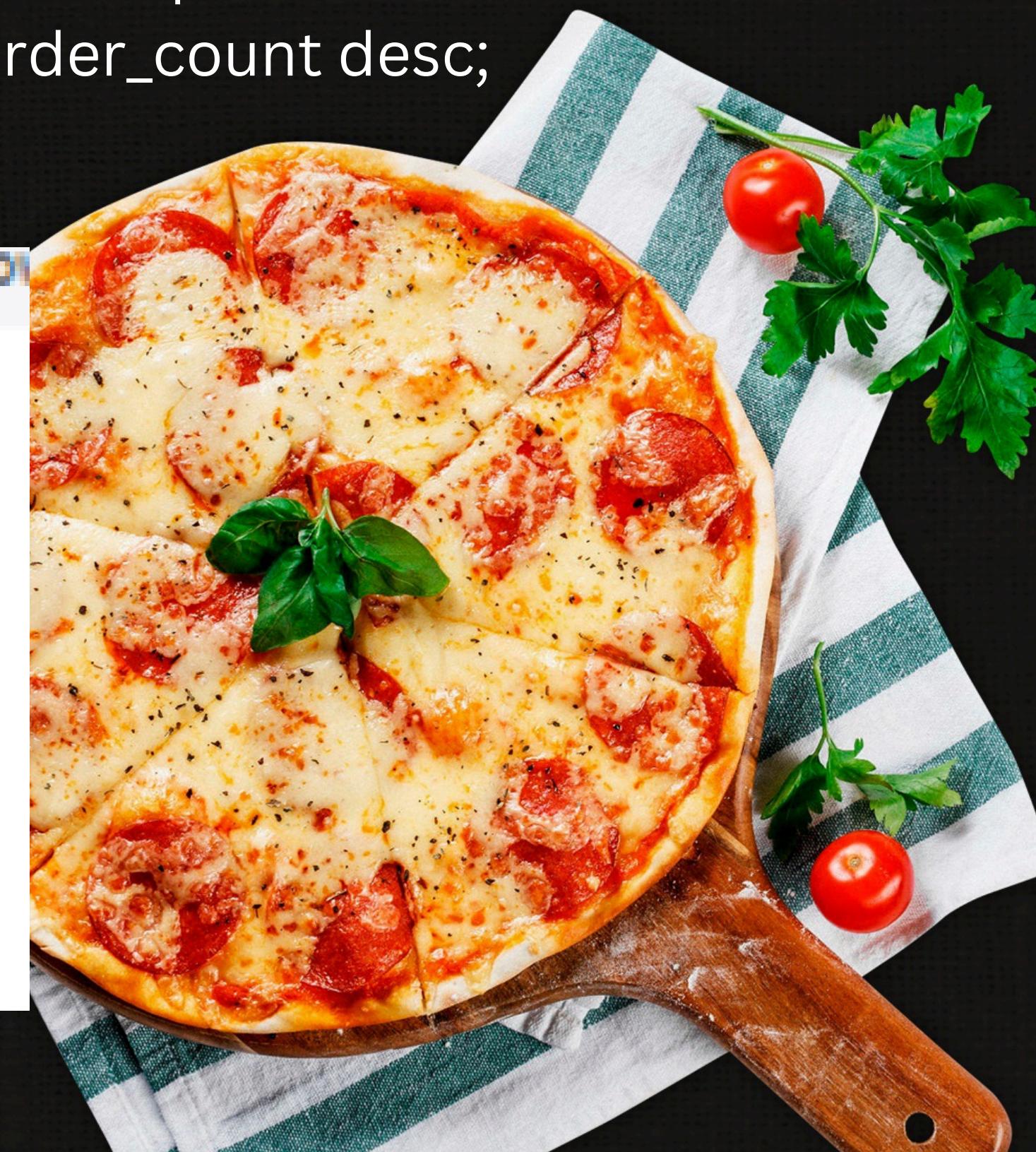
-- Identify the most common pizza size ordered.

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

Result Grid

Filter Row

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



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

```
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.pizaa_id=pizzas.pizza_id  
group by pizza_types.name order by quantity desc limit 5;
```

Result Grid | Filter Rows:

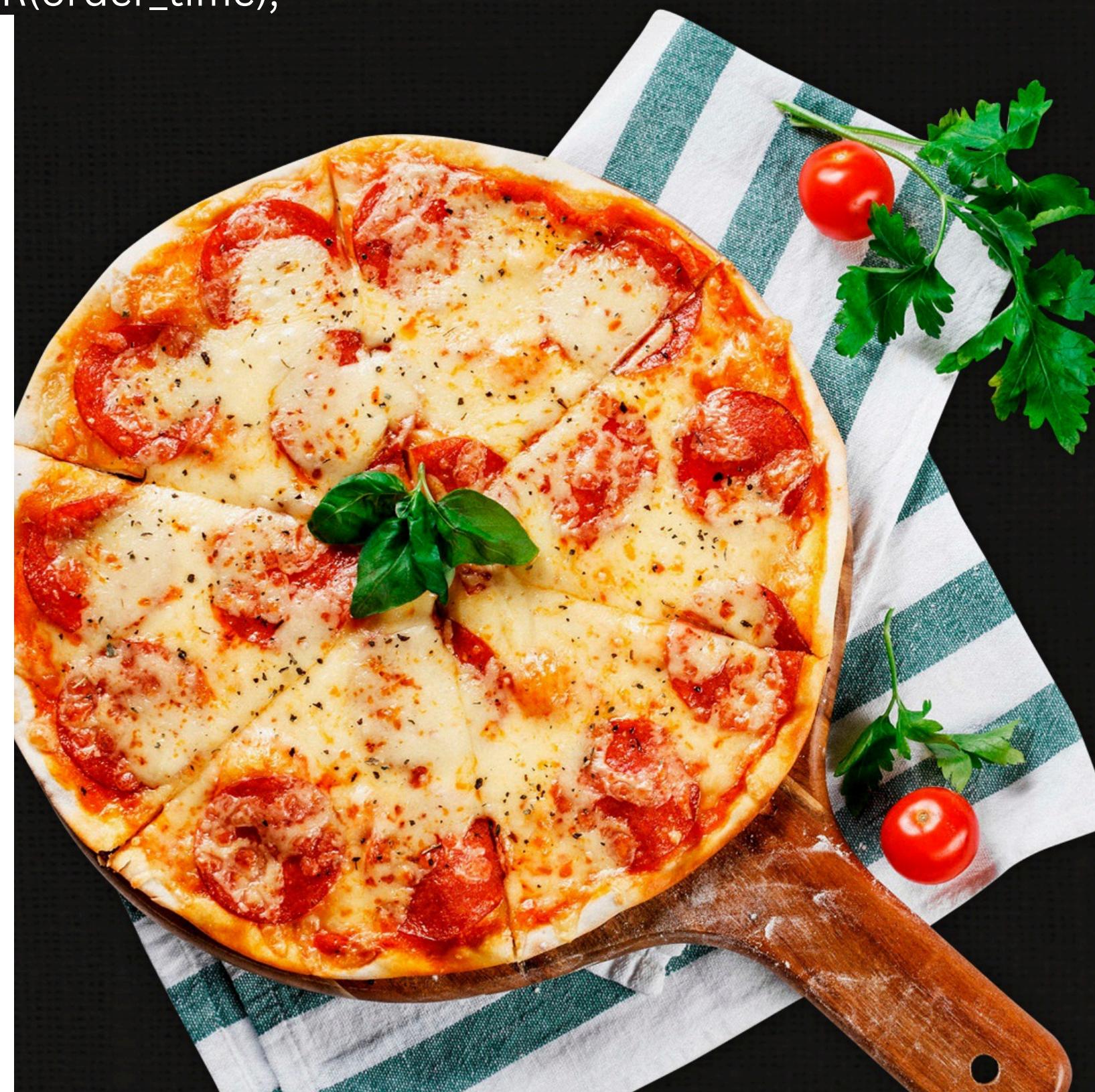
name	quantity
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371



-- 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



-- 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 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;
```

avg(quantity)

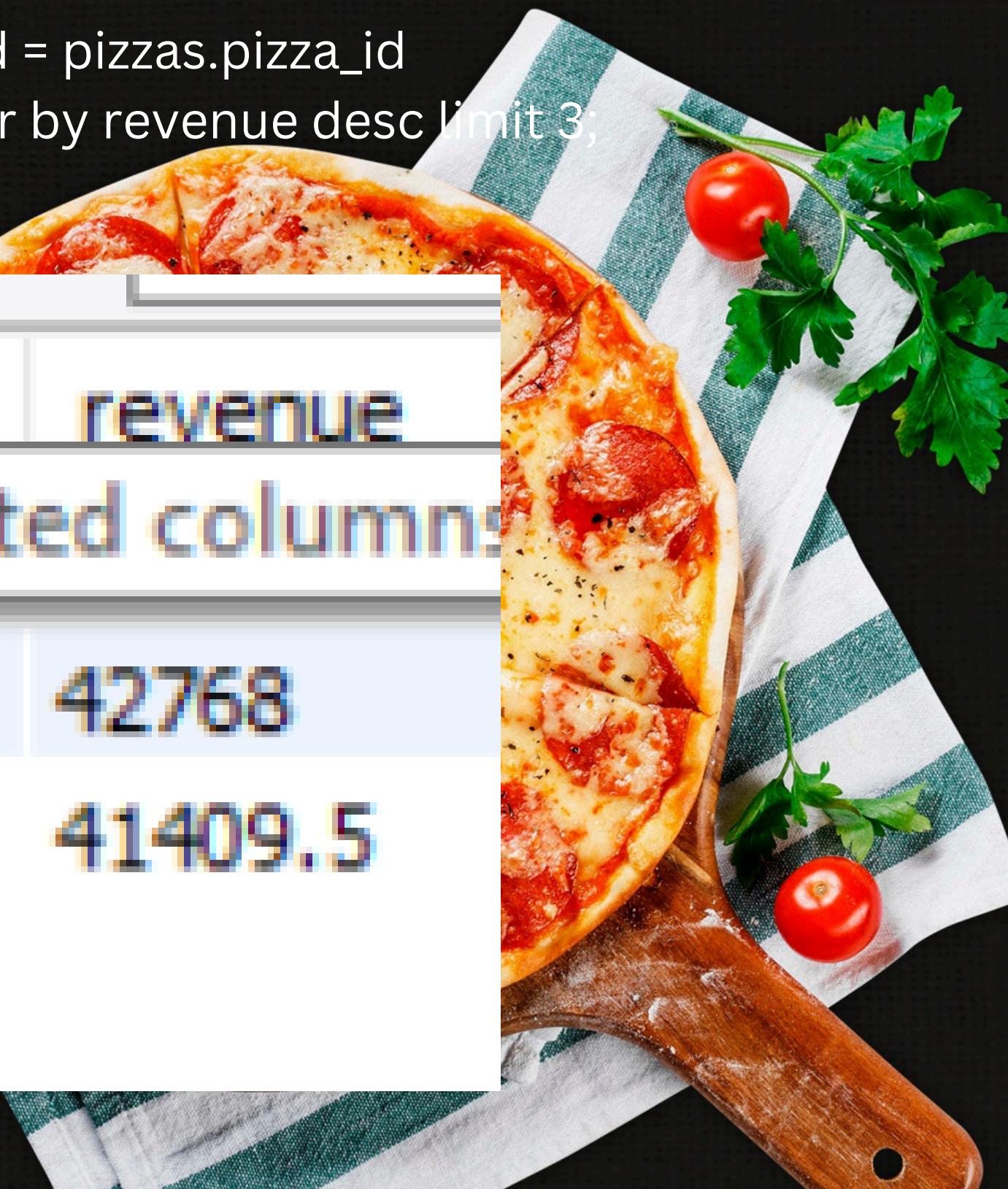
138 470



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

```
select pizza_types.name,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.pizaa_id = pizzas.pizza_id  
group by pizza_types.name order by revenue desc limit 3;
```

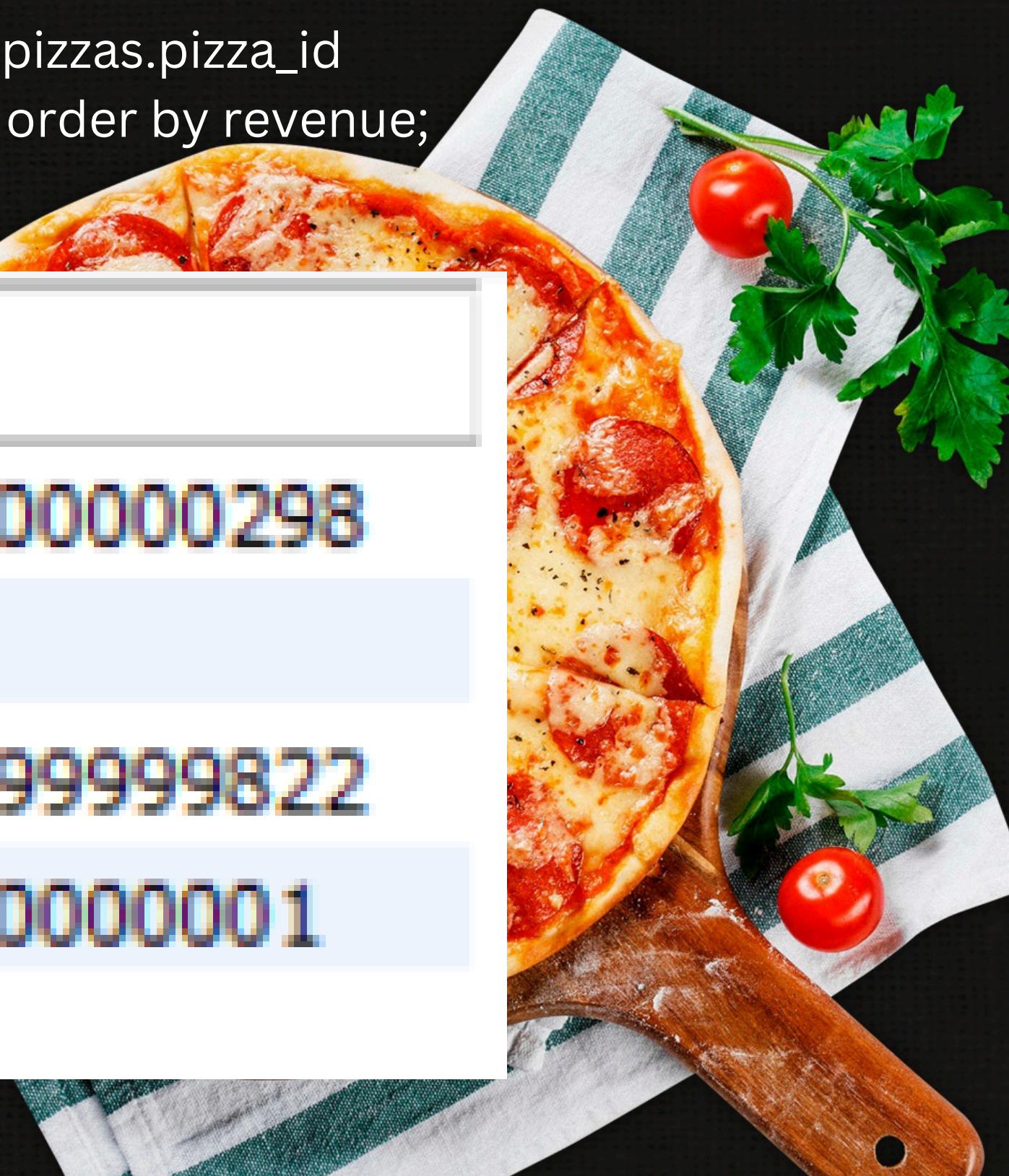
name	revenue
The Thai Chick	Resets all sorted columns
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5



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

```
select pizza_types.category,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.pizaa_id = pizzas.pizza_id  
group by pizza_types.category order by revenue;
```

	Category	Revenue
▶	Veggie	193690.45000000298
	Chicken	195919.5
	Supreme	208196.99999999822
	Classic	220053.100000001



-- Analyze the cumulative revenue generated over time.

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

order_date	cum_revenue
2015-01-01	2713.8500000000
2015-01-02	5445.75
2015-01-03	8108.15
2015-01-04	9863.6
2015-01-05	11929.55
2015-01-06	14358.5
2015-01-07	16560.7
2015-01-08	19399.05
2015-01-09	21526.4



-- Determine the top 3 most ordered pizza types based on revenue for each pizza category.

```
select pizza_types.category, pizza_types.name,  
sum((order_details.quantity) * pizzas.price) as revenue  
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, pizza_types.name order by revenue;
```

category	name	revenue
Supreme	The Brie Carre Pizza	11588.49999
Veggie	The Green Garden Pizza	13955.75
Supreme	Veggie Spinach Supreme Pizza	15277.75
Veggie	The Mediterranean Pizza	15360.5
Veggie	The Spinach Pesto Pizza	15596
Supreme	The Calabrese Pizza	15934.25
Veggie	The Italian Vegetables Pizza	16019.25
Supreme	The Soppressata Pizza	16425.75
Chicken	The Chicken Pesto Pizza	16701.75
Chicken	The Chicken Alfredo Pizza	16900.25
Classic	The Pepperoni, Mushroom,....	18834.5
Classic	The Big Meat Pizza	22968
Veggie	The Spinach and Feta Pizza	23271.25

