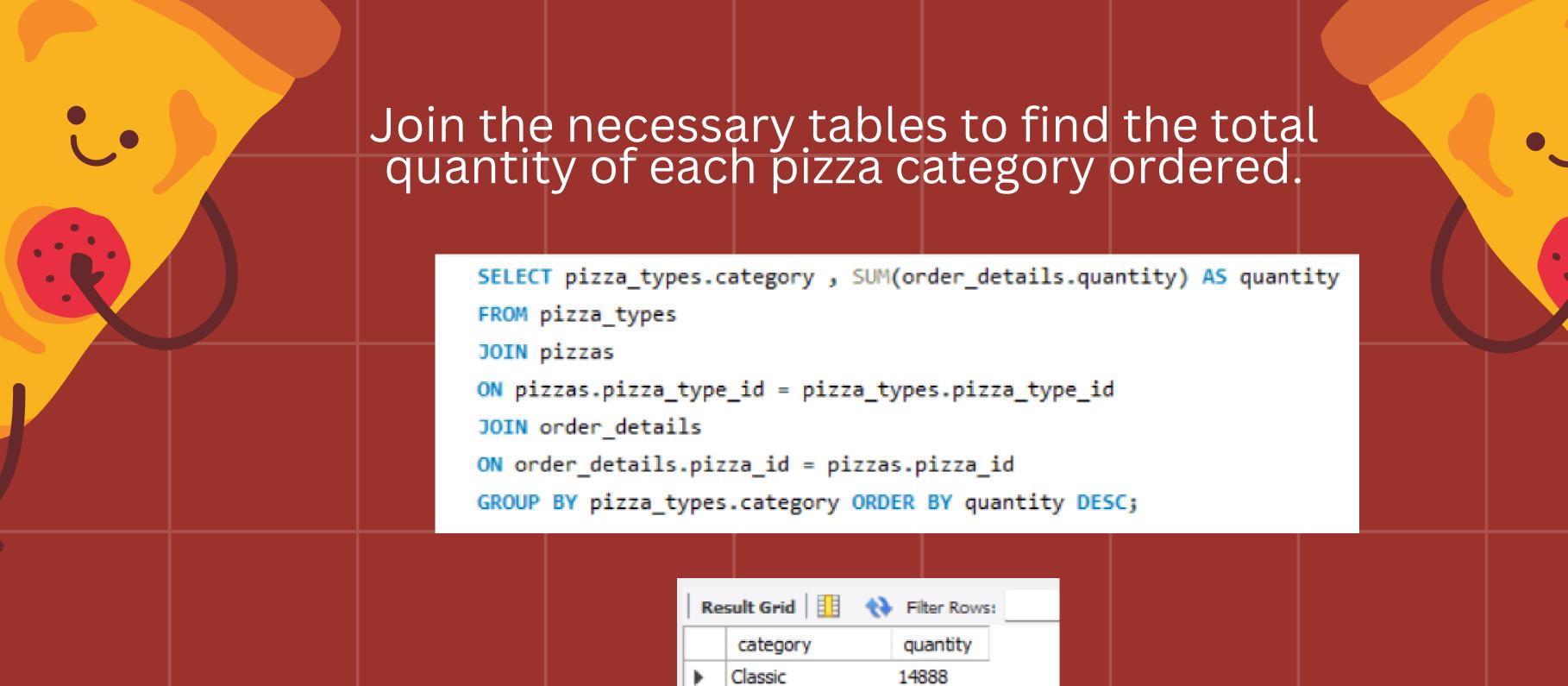




```
SELECT pizza_types.name, SUM(order_details.quantity) AS quantity
FROM pizza_types
JOIN pizzas
ON pizza_types.pizza_type_id = pizzas.pizza_type_id
JOIN order_details
ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizza_types.name
ORDER BY quantity DESC LIMIT 5;
```

I	Result Grid			
		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	



Supreme

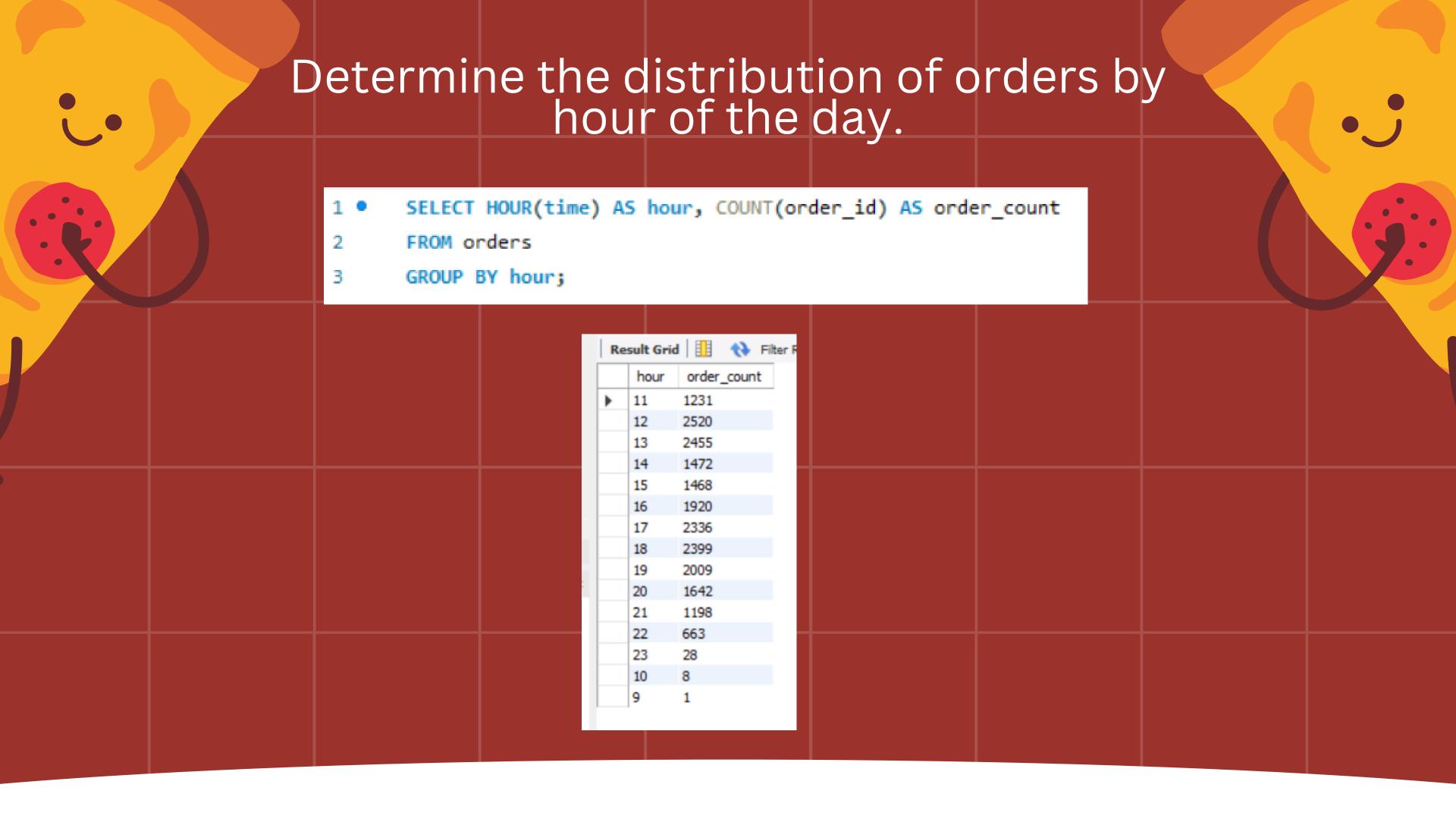
Veggie

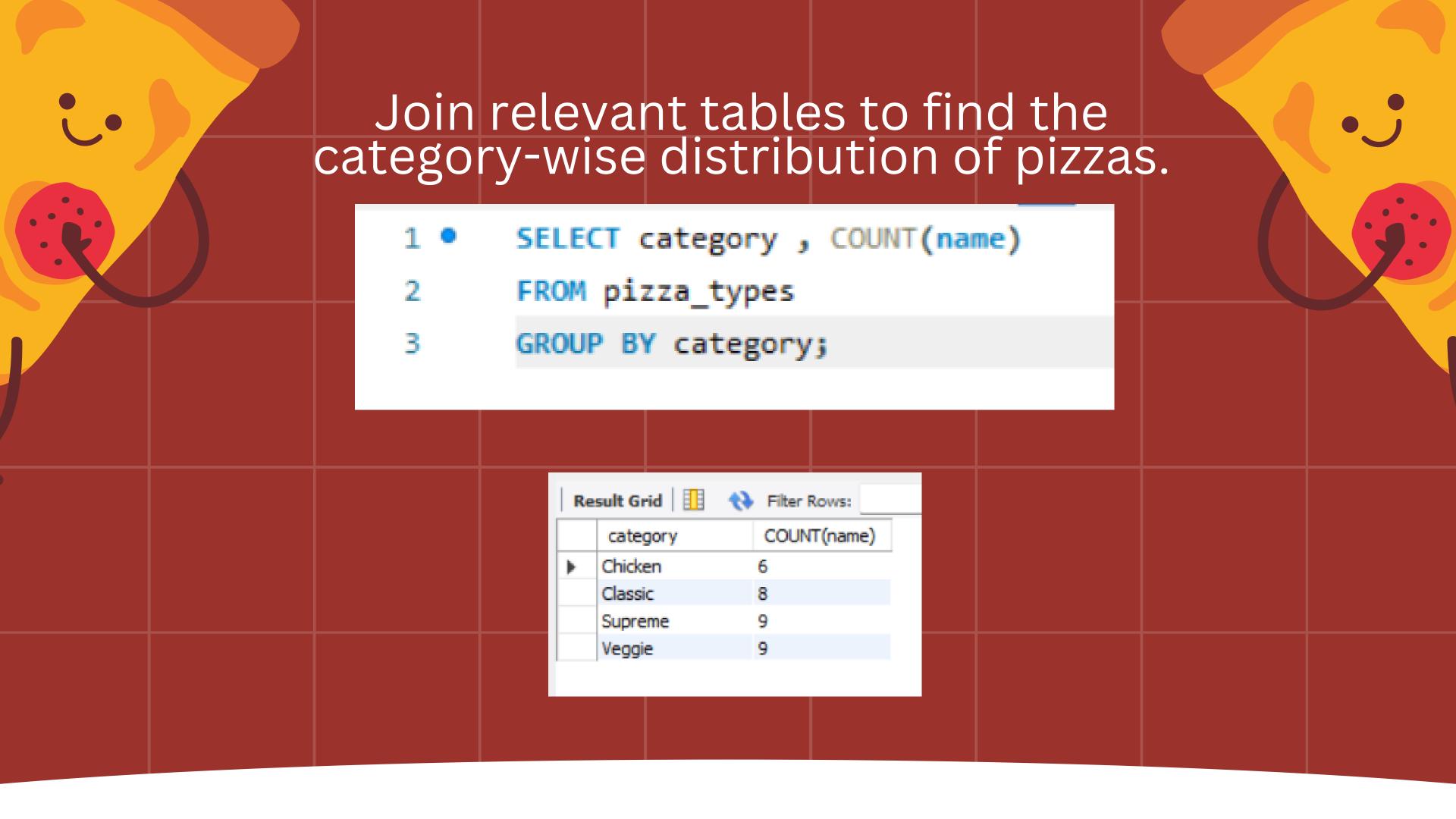
Chicken

11987

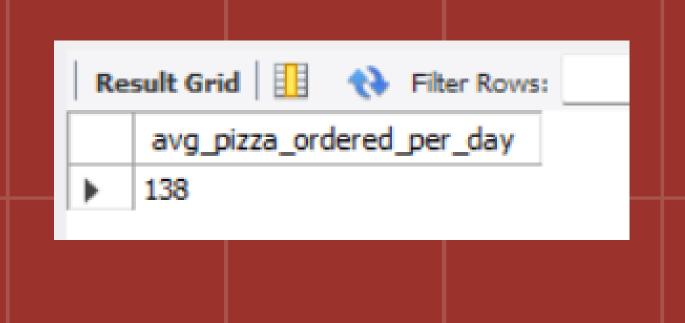
11649

11050



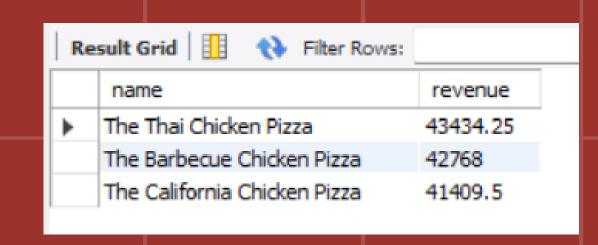


Group the orders by date and calculate the average number of pizzas ordered per day.



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.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.name ORDER BY revenue DESC LIMIT 3;
```



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

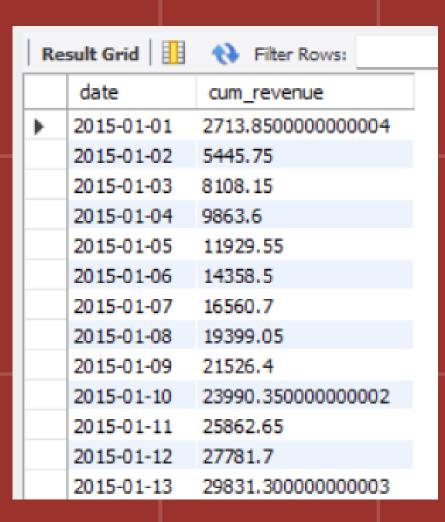
```
SELECT pizza_types.category,
ROUND(SUM(order_details.quantity * pizzas.price) /(
SELECT ROUND(SUM(order_details.quantity * pizzas.price), 2) AS total_sales
FROM order_details
JOIN pizzas
ON order_details.pizza_id = pizzas.pizza_id
) * 100 , 2) AS revenue
FROM pizza_types JOIN pizzas
ON pizzas.pizza_type_id = pizza_types.pizza_type_id
JOIN order_details
ON order_details.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.category ORDER BY revenue DESC;
```

Result Grid H N Filter Rows:			
	category	revenue	
•	Classic	26.91	
	Supreme	25.46	
	Chicken	23.96	
	Veggie	23.68	

Analyze the cumulative revenue generated over time.

```
select date,
sum(revenue) over (order by date) as cum_revenue
from

(select orders.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.date) as sales;
```



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

```
Limit to 1000 rows
       SELECT name, revenue FROM
       (SELECT category, name, revenue,
       rank() OVER(PARTITION BY category ORDER BY revenue DESC ) AS rn
       FROM
       (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
10
       GROUP BY pizza_types.category, pizza_types.name ) AS a) AS b
11
12
       WHERE rn <= 3;
```

Result Grid				
	name	revenue		
•	The Thai Chicken Pizza	43434.25		
	The Barbecue Chicken Pizza	42768		
	The California Chicken Pizza	41409.5		
	The Classic Deluxe Pizza	38180.5		
	The Hawaiian Pizza	32273.25		
	The Pepperoni Pizza	30161.75		
	The Spicy Italian Pizza	34831.25		
	The Italian Supreme Pizza	33476.75		
	The Sicilian Pizza	30940.5		
	The Four Cheese Pizza	32265.70000000065		
	The Mexicana Pizza	26780.75		
	The Five Cheese Pizza	26066.5		

