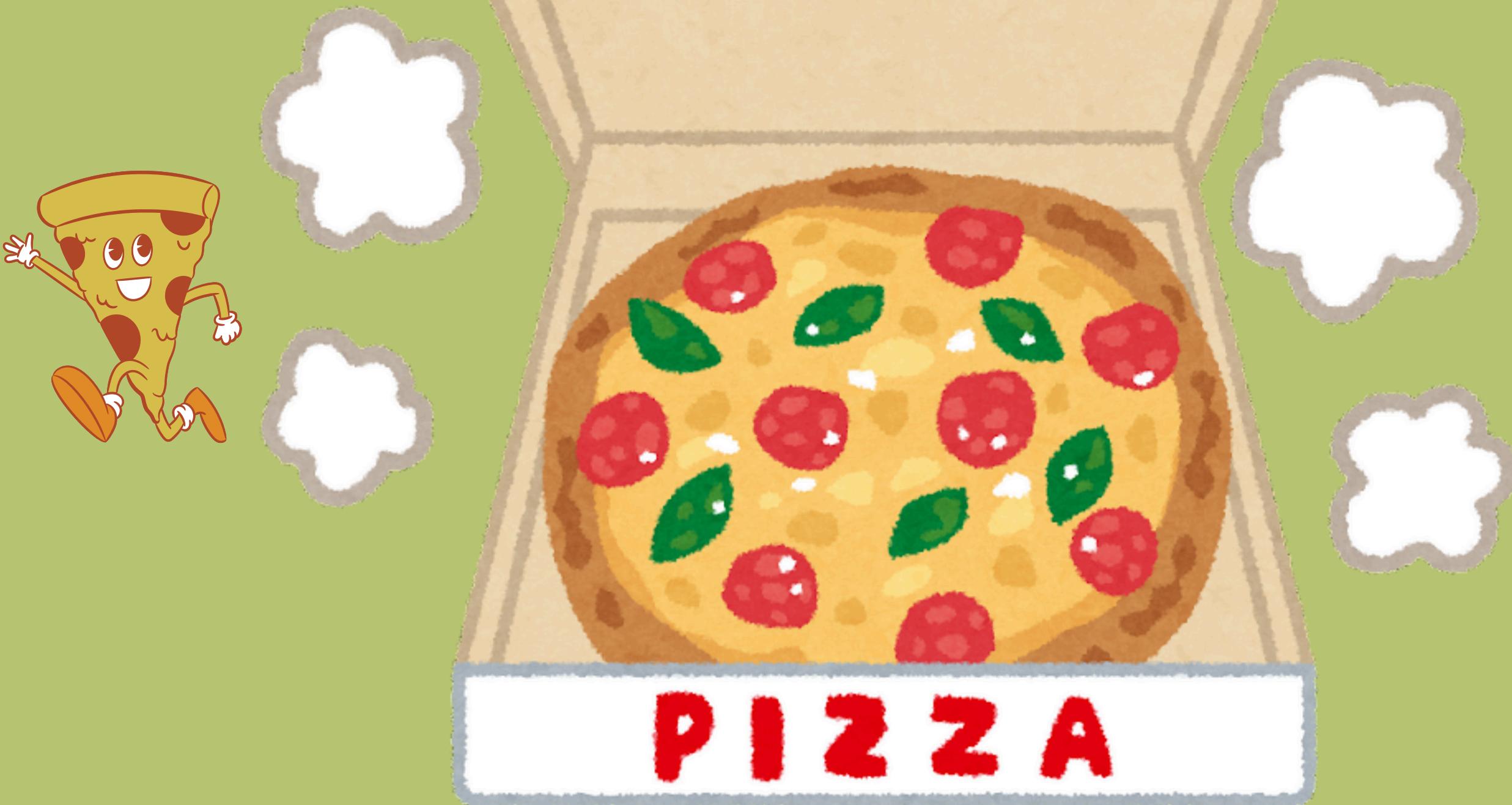


Pizza Sales

SQL Project



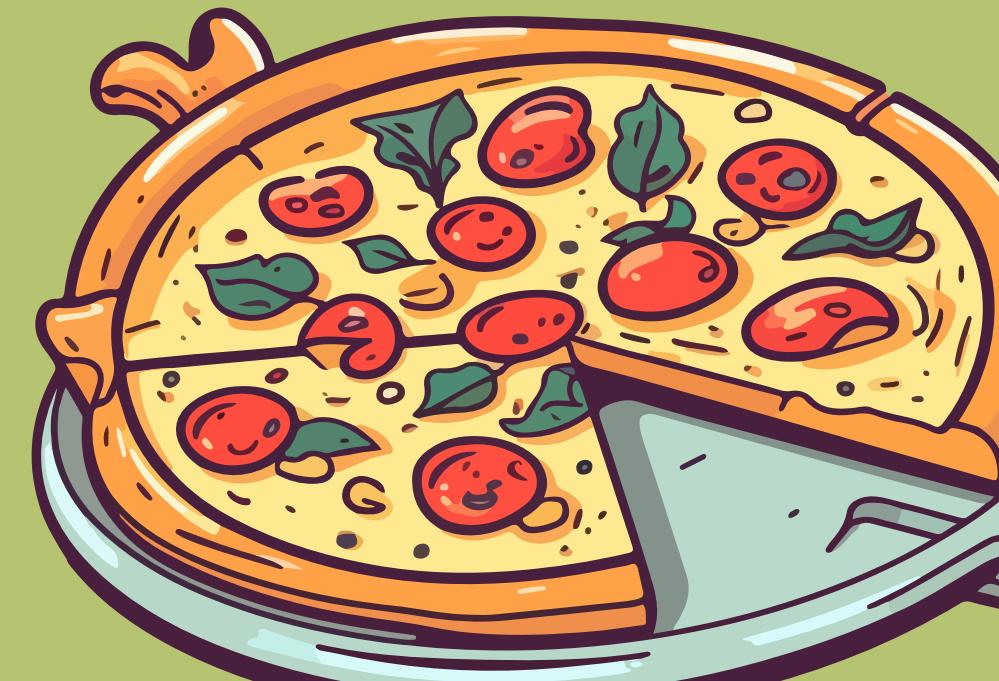
**In this project I have utilized SQL
queries to solve the questions that
were related to pizza sales**



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)
▶	138.4749



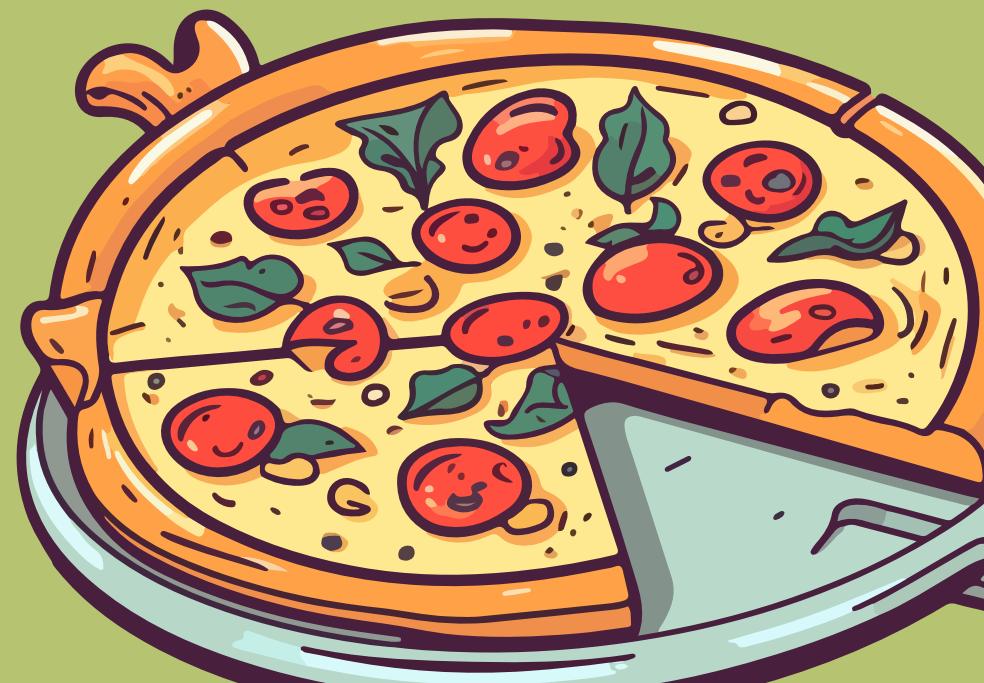
Determine the top 3 most ordered pizza types based on revenue.

```
• 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;
```



Result Grid | Filter Rows:

	name	revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5



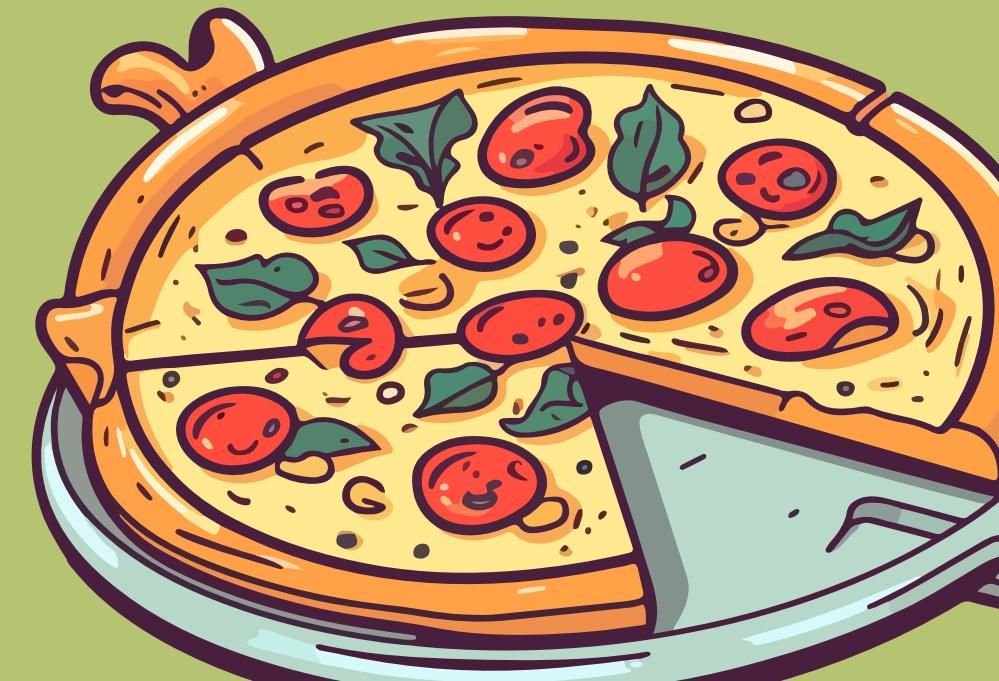
Calculate the percentage contribution of each pizza type to total revenue.

```
Select pizza_types.category,  
    (sum(order_details.quantity * Pizzas.price) / (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 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 order by revenue desc;
```



Result Grid | Filter Rows:

	category	revenue
▶	Classic	26.90596025566967
	Supreme	25.45631126009862
	Chicken	23.955137556847287
	Veggie	23.682590927384577



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
1	2015-01-01	2713.8500000000004
2	2015-01-02	5445.75
3	2015-01-03	8108.15
4	2015-01-04	9863.6
5	2015-01-05	11929.55
6	2015-01-06	14358.5
7	2015-01-07	16560.7
8	2015-01-08	19399.05
9	2015-01-09	21526.4
10	2015-01-10	23990.350000000002

