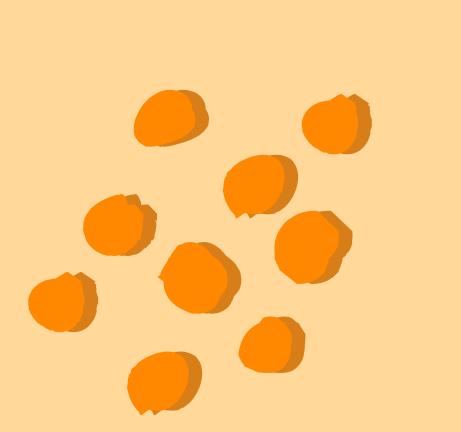
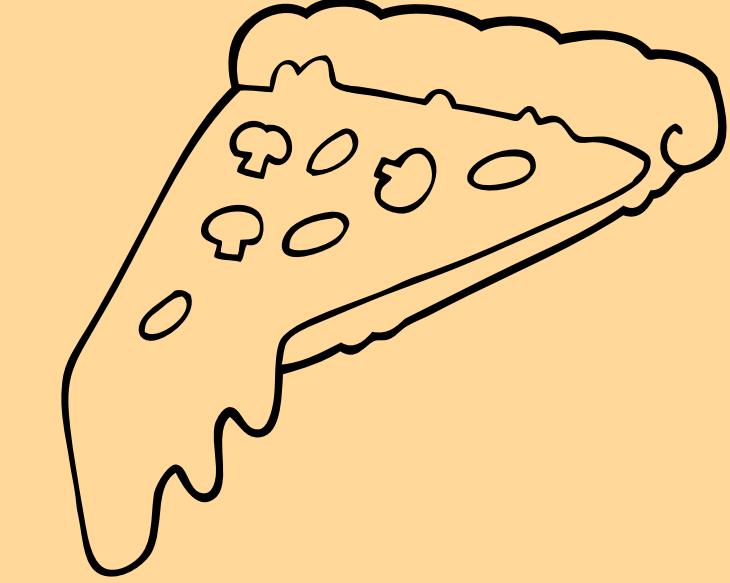
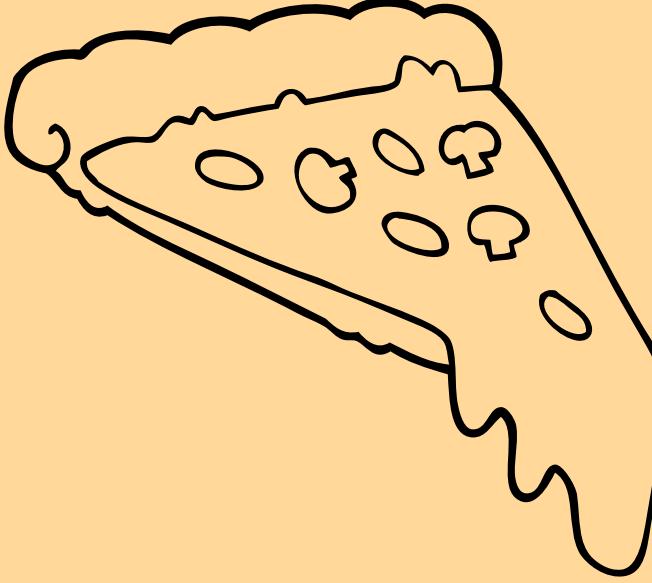


Delicious Pizza for Everyone!

Nii Pizza

@roynilabja



Hello!

We are a pizza boxcar serving delicious pizza via the food truck way. we are ready to go around to deliver and serve pizza for you lovers!





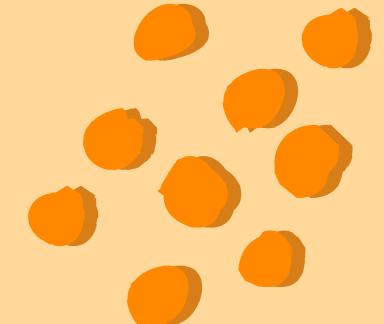
Chef Figo

Hi, I am the main chef and owner of Nil pizza. Nil pizza is a family- owned secret recipe pizza that has been passed down for generations with incredible delicacy!

- Retrieve the total number of orders placed.

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

Result Grid	
	total_orders
▶	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	
	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;
```

Result Grid | Filter Rows:

	name	price
▶	The Greek Pizza	35.95

- Identify the most common pizza size ordered.

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

Result Grid		
	size	ord
▶	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
```

Result Grid | Filter Rows:

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;
```

Result Grid		Filter Rows:
	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.

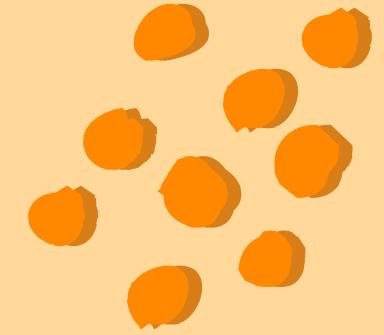
```
SELECT  
    ROUND(AVG(quantity), 2)  
FROM  
    (SELECT  
        orders.order_date, SUM(order_details.quantity) AS quantity  
    FROM  
        orders  
    JOIN order_details ON orders.order_id = order_details.order_id  
    GROUP BY orders.order_date) AS order_quantity
```

round(avg(quantity),2)
138.47

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

```
SELECT  
    pizza_types.name,  
    SUM(pizzas.price * order_details.quantity) AS revenue  
FROM  
    pizzas  
        JOIN  
    order_details ON pizzas.pizza_id = order_details.pizza_id  
        JOIN  
    pizza_types ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
GROUP BY pizza_types.name  
ORDER BY revenue DESC  
LIMIT 3;
```

	name	revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5

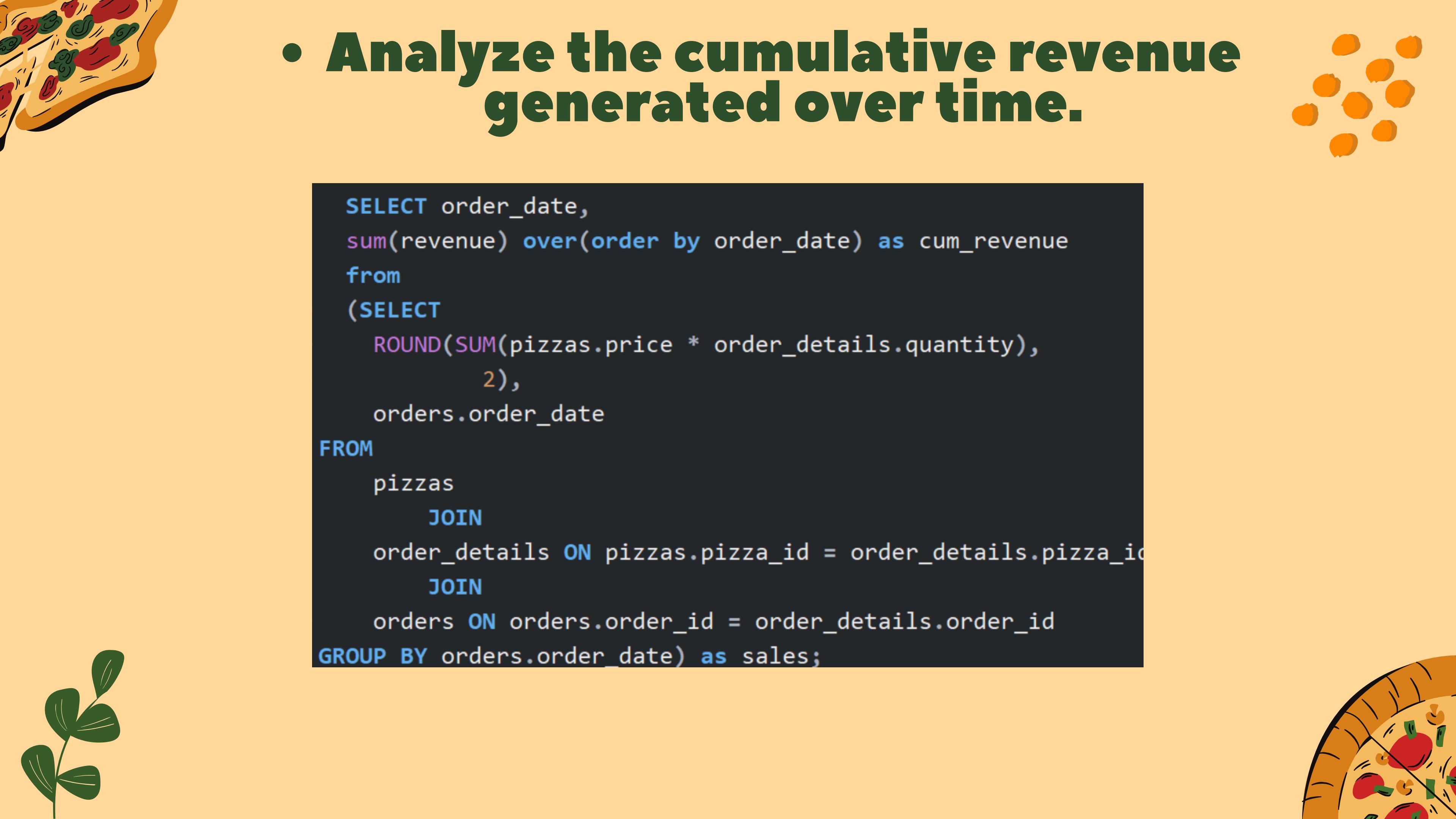


• Calculate the percentage contribution of each pizza type to total revenue.

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

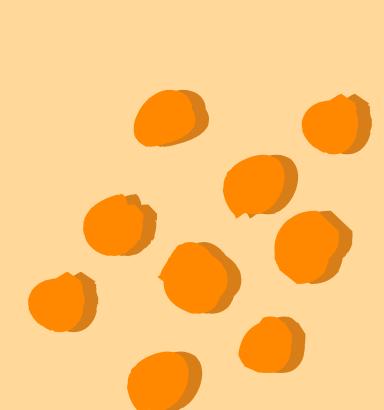


	category	revenue
▶	Classic	220053.1000000001
	Supreme	208196.99999999822
	Chicken	195919.5
	Veggie	193690.45000000298



- **Analyze the cumulative revenue generated over time.**

```
SELECT order_date,  
       sum(revenue) over(order by order_date) as cum_revenue  
  from  
(SELECT  
          ROUND(SUM(pizzas.price * order_details.quantity),  
                2),  
          orders.order_date  
     FROM  
          pizzas  
        JOIN  
          order_details ON pizzas.pizza_id = order_details.pizza_id  
        JOIN  
          orders ON orders.order_id = order_details.order_id  
    GROUP BY orders.order_date) as sales;
```



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

```
2 • select name, revenue from
3   •(select category, name, revenue,
4     rank() over (partition by category order by revenue desc) as rn
5   from
6   •(select pizza_types.name, pizza_types.category,
7     sum((pizzas.price) * order_details.quantity) as revenue
8   from pizza_types join pizzas
9   on pizza_types.pizza_type_id=pizzas.pizza_type_id
0   join order_details on
1   order_details.pizza_id=pizzas.pizza_id
2   group by pizza_types.name,pizza_types.category) as a) as b
3   where rn<=3;
```

	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



Where we are?

we have 15 trucks that will drive around the housing and parks.



So don't worry because you will always find us in your city.

Order from home

Currently pizza Nil can also be ordered through the application and the phone. you just need to pick and order from home, we will deliver your order and make sure it stays warm.



Call us for Order



Phone Number:

+123-456-7890 / +123-456-7890

social media:

@roynilabja

Website:

www.roynilabja.com

THANK YOU

