

Delicious Pizza for Everyone!

PIZZA BOXCAR

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Hello!

I'm Saylee. I have utilised SQL queries to solve questions
that are related to pizza sales.

Introduction

The **SQL** project for pizza sales aims to analyze and manage sales data for a pizza restaurant chain. By leveraging **SQL** queries, the project aims to provide insights into various aspects of the business, including sales performance, customer preferences, and inventory management.



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_detail.quantity_id * pizzas.price),  
        2) AS total_sales  
FROM  
    order_detail  
    JOIN  
    pizzas ON pizzas.pizza_id = order_detail.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_detail.order_details_id) AS order_count
```

FROM

```
pizzas  
JOIN  
order_detail ON pizzas.pizza_id = order_detail.pizza_id
```

GROUP BY pizzas.size

ORDER BY order_count DESC;

Result Grid | Filter

	size	order_count
▶	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_detail.quantity_id) as quantity  
from pizza_types join pizzas  
on pizza_types.pizza_type_id = pizzas.pizza_type_id  
join order_detail  
on  
order_detail.pizza_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

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

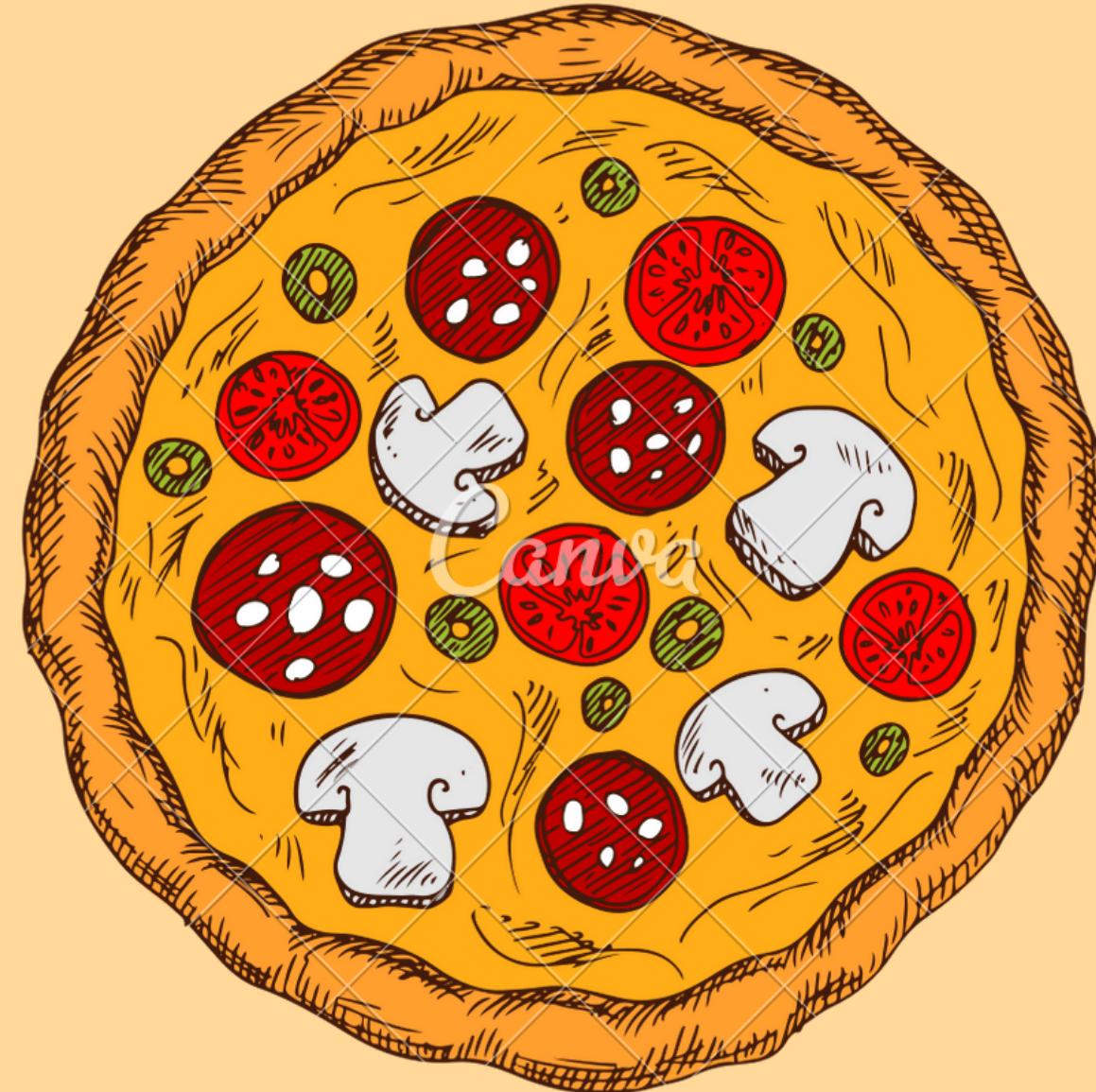
```
SELECT  
    AVG(quantity)  
FROM  
    (SELECT  
        orders.order_date, SUM(order_detail.quantity_id) AS quantity  
    FROM  
        orders  
    JOIN order_detail ON orders.order_id = order_detail.order_id  
    GROUP BY orders.order_date) AS order_quantity;
```

	Result Grid		
	AVG(quantity)		
▶	138.4749		

Determine the top 3 most ordered pizza types based on revenue

```
select pizza_types.name ,  
sum(order_detail.quantity_id * pizzas.price) as revenue  
from pizza_types join pizzas  
on pizzas.pizza_type_id = pizza_types.pizza_type_id  
join order_detail  
on order_detail.pizza_id = pizzas.pizza_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



Pizza Boxcar Present

**THANK
YOU**

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