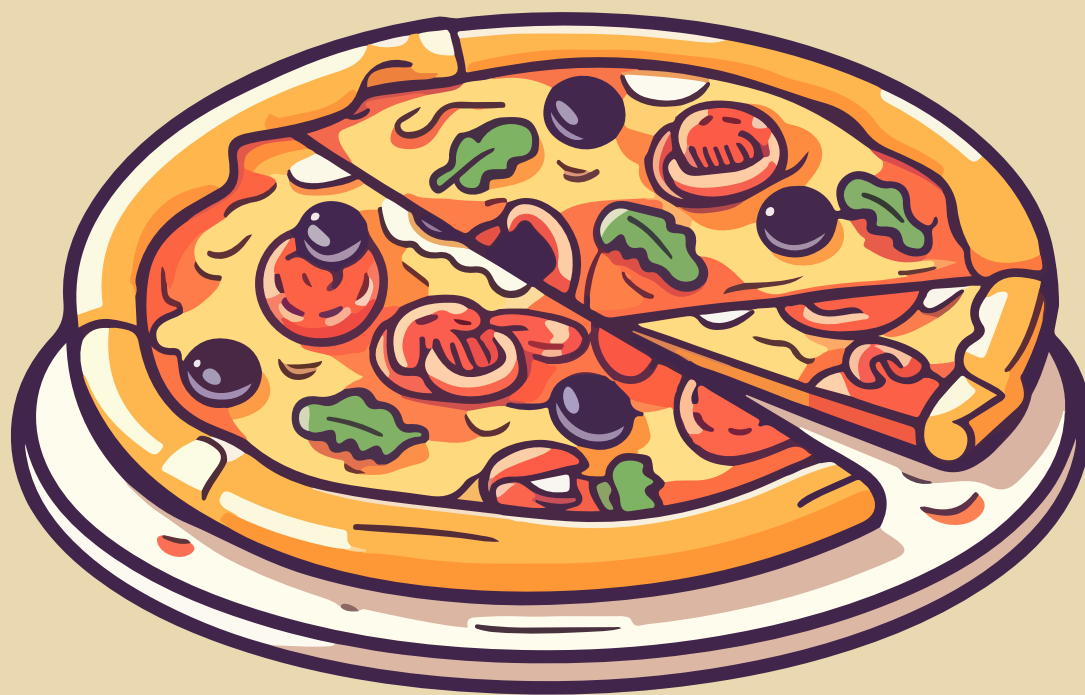
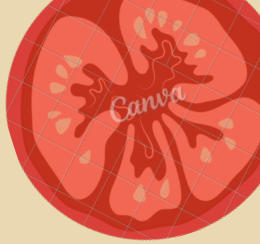


PIZZA SALES





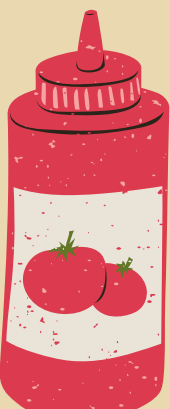
My name is Pavan Sashank, and in this project, I used SQL queries to address questions related to pizza sales.

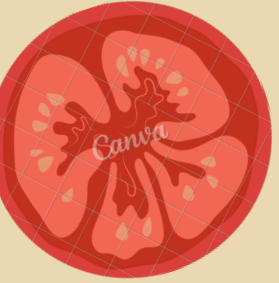


RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

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

	total_orders
▶	21350

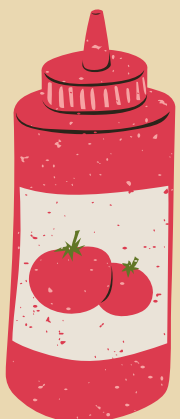


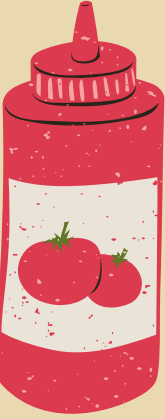


CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES

```
SELECT  
    ROUND(SUM(pizzas.price * order_det.quantity),2) AS total_revenue  
FROM  
    pizzas  
    JOIN  
    order_det ON pizzas.pizza_id = order_det.pizza_id;
```

	total_revenue
▶	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 price DESC LIMIT 1;
```

	name	price
▶	The Greek Pizza	35.95

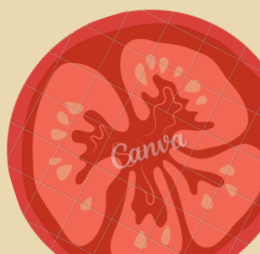
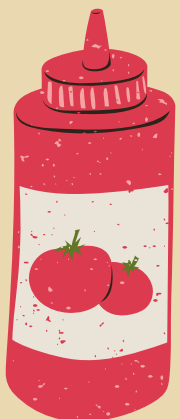




IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED

```
SELECT
    pizzas.size, COUNT(order_det.quantity) AS order_count
FROM
    pizzas
    JOIN
        order_det ON pizzas.pizza_id = order_det.pizza_id
GROUP BY pizzas.size
ORDER BY order_det.quantity DESC LIMIT 1;
```

	size	order_count
▶	M	15385

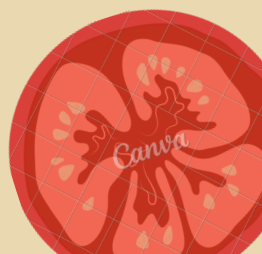


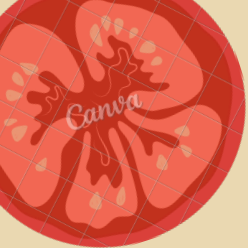


LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES

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

	pizza_type_id	total_quantity
▶	classic_dlx	2453
	bbq_ckn	2432
	hawaiian	2422
	pepperoni	2418
	thai_ckn	2371

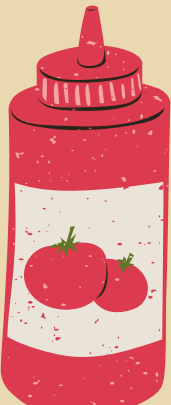




DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY

```
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
	19	2009
	20	1642
	21	1198
	22	663
	23	28
	10	8
	9	1





DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE

```
SELECT
    pizza_types.name,
    SUM(order_det.quantity * pizzas.price) AS revenue
FROM
    pizza_types
    JOIN
    pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
    JOIN
    order_det ON order_det.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

