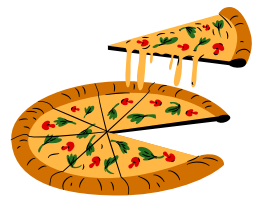


# Basic Problem Queries



**Question 1: Retrieve the total number of orders placed.**

```
-- Retrieve the total number of orders placed.
```

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

**Output:**

| Result Grid |              |
|-------------|--------------|
|             | total_orders |
| ▶           | 21350        |

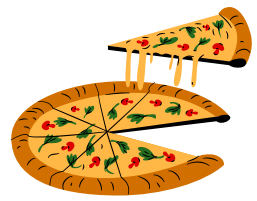
**Question 2: Calculate the total revenue generated from pizza sales.**

- ```
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;
```

**Output:**

Result Grid	
	total_sales
▶	817860.05



# Basic Problem Queries



**Question 3: 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;
```



**Output:**

| Result Grid   Filter Rows: |                 |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|
|                                                                                                                                                                                              | name            | price |
| ▶                                                                                                                                                                                            | The Greek Pizza | 35.95 |

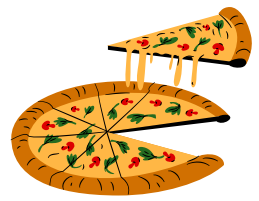
**Question 4: Identify the most common pizza size ordered.**

- ```
SELECT quantity, count(order_details_id)
FROM order_details GROUP BY quantity;
```
- ```
SELECT pizzas.size, COUNT(order_details.order_details_id) AS order_count
FROM pizzas JOIN order_details
ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizzas.size ORDER BY order_count desc ;
```

**Output:**

| Result Grid   Filter Rows: |      |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|
|                                                                                                                                                                                                  | size | order_count |
| ▶                                                                                                                                                                                                | L    | 18526       |
|                                                                                                                                                                                                  | M    | 15385       |
|                                                                                                                                                                                                  | S    | 14137       |
|                                                                                                                                                                                                  | XL   | 544         |
|                                                                                                                                                                                                  | XXL  | 28          |



# Basic Problem Queries



**Question 5: 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;
```

**Output:**

Result Grid   Filter Rows: <input type="text"/>		
	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