Objective: Identify top-selling pizzas and sales trends using SQL.
Tools used: MySQL, pizza sales dataset.
Focus areas: Revenue, order trends, pizza type/size popularity.

1.RETRIEVE TOTAL NUMBER OF ORDERS PLACED

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

total_orders
1098

Counts how many total orders were placed. Helps us understand overall sales activity.

2. CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES

```sql
SELECT
    SUM(order_details.quantity * pizzas.price) AS total_sales_value
FROM
    pizzas
        JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
```

total_sales_value
817860.049999993

Calculates total money earned from all pizzas sold.
Measures business performances

3. IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED

```sql
SELECT
    pizzas.size,
    COUNT(order_details.order_details_id) AS total_orders
FROM
    pizzas
        JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizzas.size
ORDER BY total_orders DESC
LIMIT 1;
```

size	total_orders
L	18526

Shows which pizza size is ordered the most. Helps in stock and packaging decisions.

4. IDENTIFY THE HIGHEST PRICED PIZZA

```sql
SELECT
    pizzas.price, pizza_types.name
FROM
    pizzas
        JOIN
    pizza_types ON pizzas.pizza_type_id = pizza_types.pizza_type_id
ORDER BY pizzas.price DESC
LIMIT 1;
```

price	name
35.95	The Greek Pizza

Finds the most expensive pizza. Useful for highlighting premium items.

```sql
SELECT
    SUM(order_details.quantity),
    pizza_types.name AS total_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 total_quantity DESC
LIMIT 5;
```

SUM(order_details.quantity)	total_quantity
1526	The Vegetables + Vegetables Pizza
2371	The Thai Chicken Pizza
950	The Spinach Supreme Pizza
970	The Spinach Pesto Pizza
1446	The Spinach and Feta Pizza

Highlights the top 5 most popular pizza types based on quantity sold.

THANK YOU