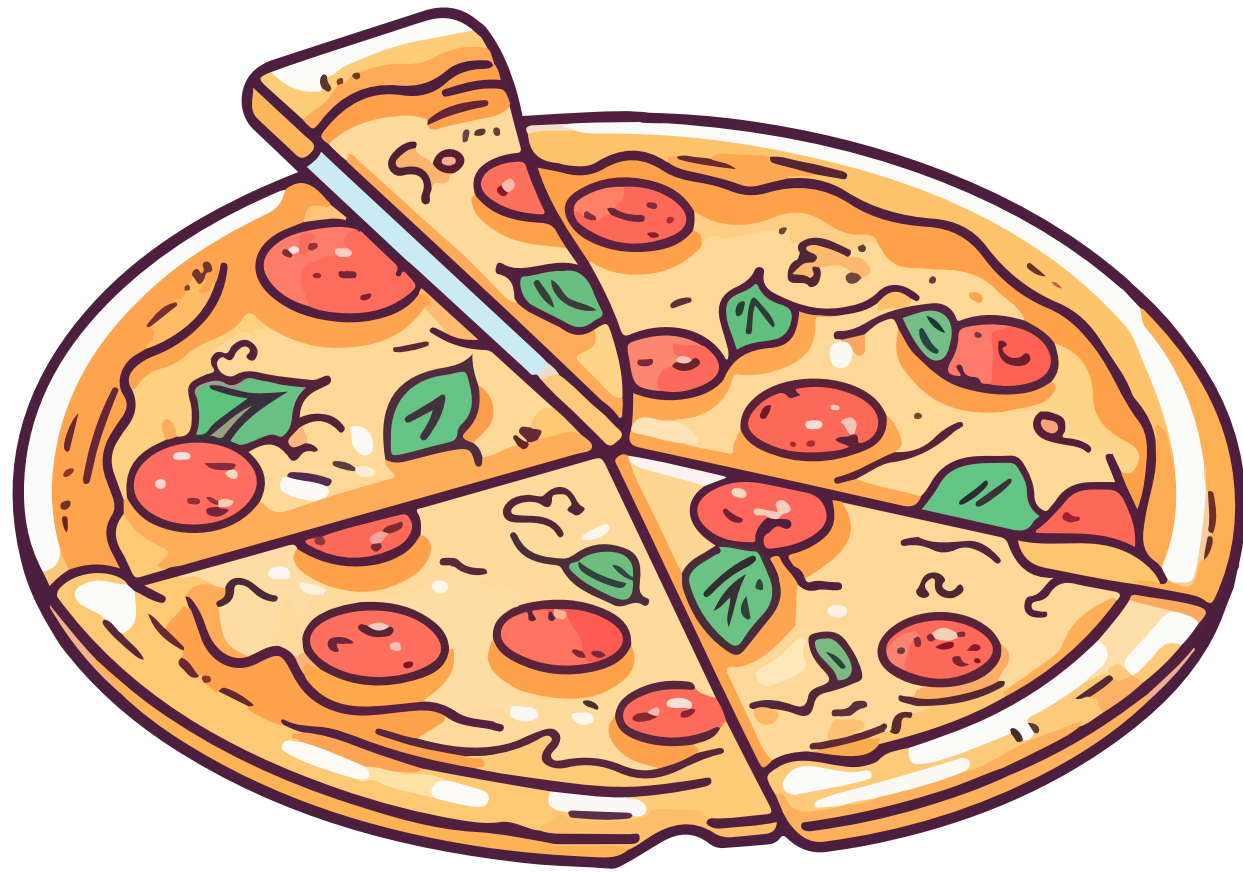




# SQL PROJECT ON PIZZA SALES

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# HELLO



**This project showcases how SQL can be applied to real-world data to extract valuable information for business growth.**

Using SQL queries, I analyzed things like total sales, top-selling pizzas. The insights from this analysis could help a business understand its sales trends and make better decisions, like adjusting inventory or running promotions for popular items.

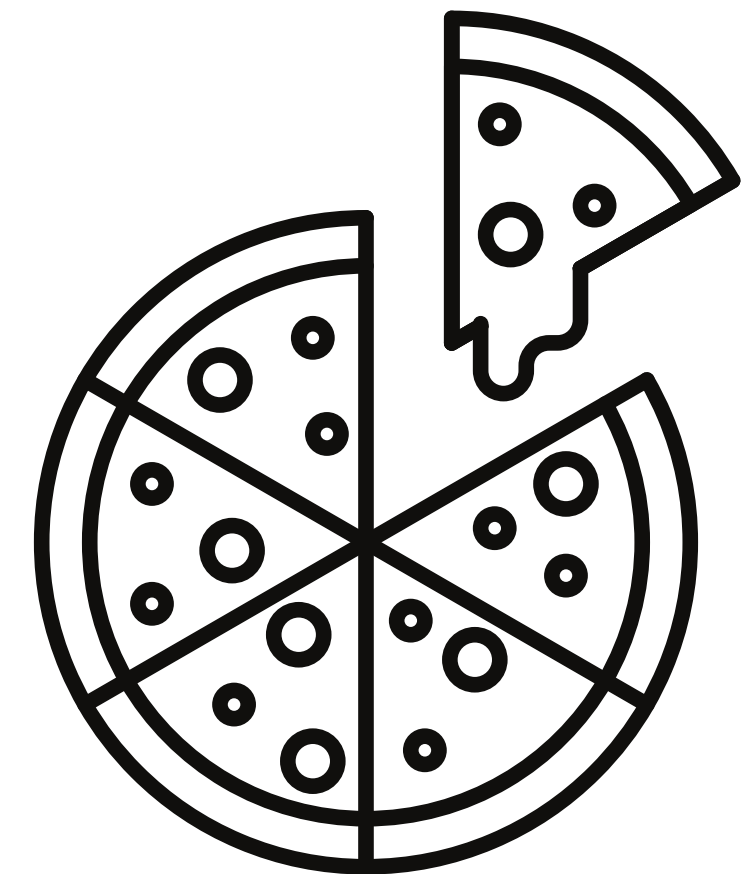
# Problem

Retrieve the total number of orders placed.

```
select count(order_id) as total_orders from orders;
```

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
```



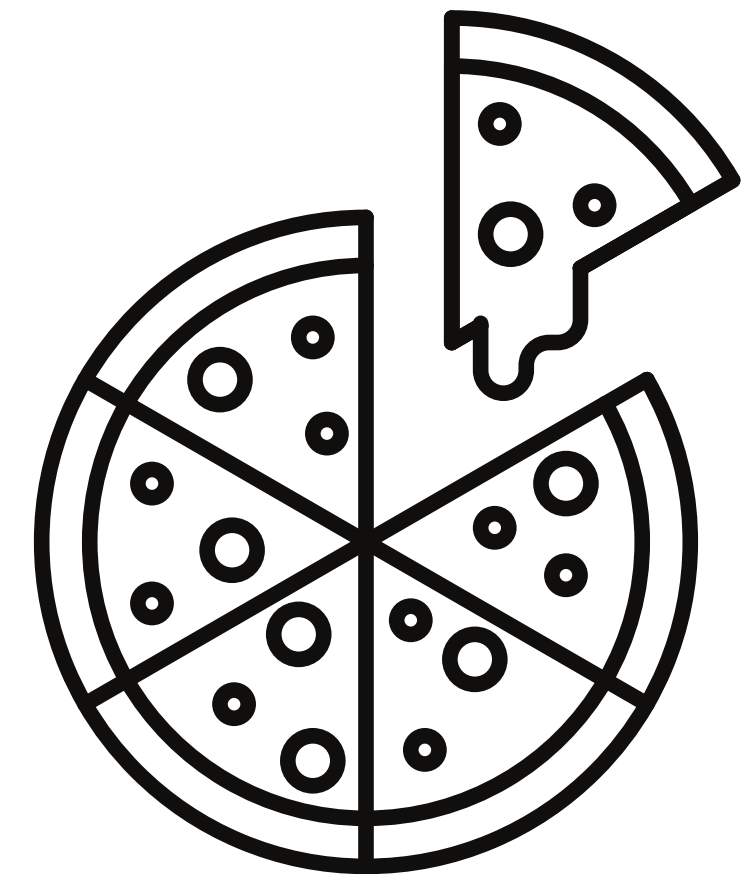
# Problem

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;
```

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);
```



# Problem

Identify the most common pizza size ordered.

```
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;
```

Join relevant tables to find the category-wise distribution of pizzas.

```
select category , count(name) from pizza_types
group by category;
```

