INTRODUCTION

Welcome to my project presentation on analyzing pizza sales using MySQL. This project dives into various aspects of pizza sales data, leveraging SQL queries to extract valuable insights. The analysis covers basic to advanced queries, providing a comprehensive understanding of sales performance, customer preferences, and revenue trends. Through this project, we aim to demonstrate how SQL can be used to turn raw data into actionable insights for business decision-making.

BY : SHIVANG VATS

Adding Data to MySQL Database

-- Retrieve the total number of orders placed.

```sql
-- Retrieve the total number of orders placed.
use pizzahut;
select count(order_id) as total_orders from orders;
```

total_orders	
21350	

--Calculate the total revenue generated from pizza sales.

```sql
-- Calculate the total revenue generated from pizza sales

SELECT ROUND(SUM(order_details.quantity * pizzas.price),
FROM
    order_details
        JOIN
    pizzas ON pizzas.pizza_id = order_details.pizza_id
```

total_revenue	
817860.05	

-- Identify the highest-priced pizza.

```sql
-- 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;
```

name	price
The Greek Pizza	35.95

--Identify the most common pizza size ordered

```sql
-- 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;
```

size	order_count	
L	18526	
M	15385	
S	14137	
XL	544	
XXL	28	

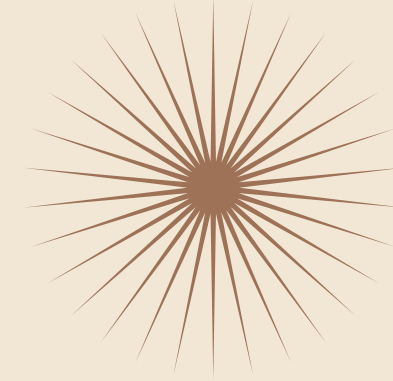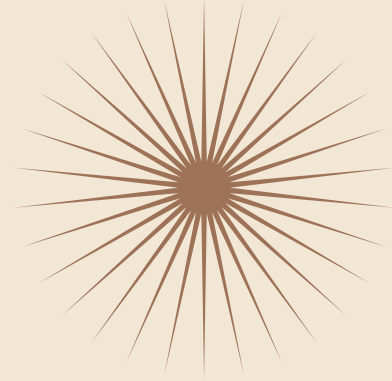--List the top 5 most ordered pizza types along with their quantities.

```sql
-- 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;
```

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

THANKS

BY : SHIVANG VATS