

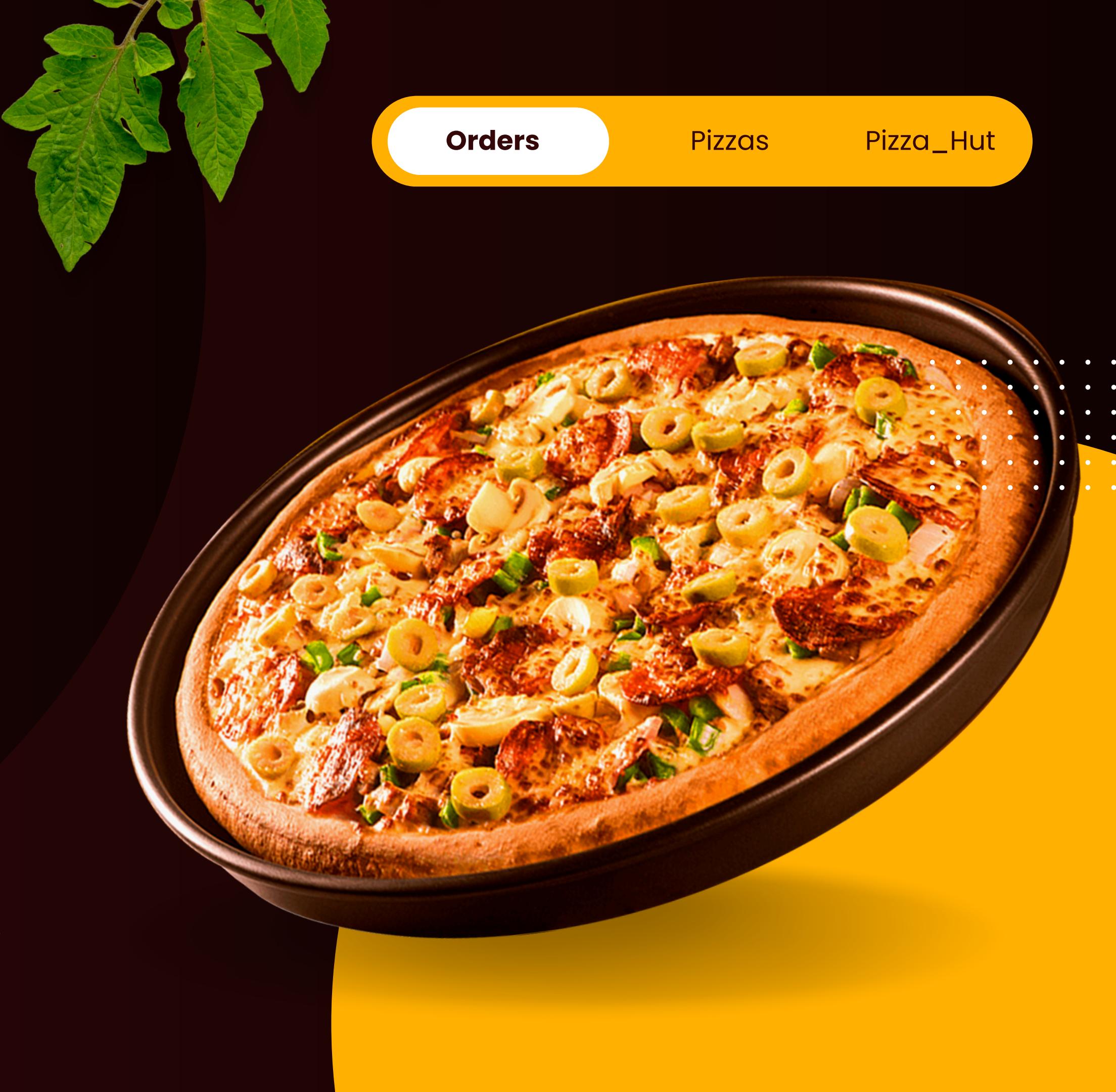


USE

pizza\_Hut;

# SQL PIZZA PROJECT

- CREATE DATABASE PIZZA\_HUT;



Orders

Pizzas

Pizza\_Hut



USE

Pizza\_Hut;



# SELECT \*

SELECT \* FROM PIZZAS;

-- 01) Retrieve the total number of orders placed.

SELECT

COUNT(order\_id) AS total\_orders

FROM

orders;



# USE

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```
-- 02) Calculate the total revenue generated from pizza sales.  
SELECT  
    SUM(order_details.quantity * pizzas.price) AS total_sales  
FROM  
    order_details  
    JOIN  
    pizzas ON pizzas.pizza_id = order_details.pizza_id;
```

```
-- 03) 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;
```

```
-- 05) 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;
```

```
-- 06) Join the necessary tables to find the total quantity of each pizza category ordered.  
SELECT  
    pizza_types.category, SUM(order_details.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 order_details.quantity  
ORDER BY quantity DESC;
```



# USE

Pizza\_Hut;



orders

Pizzas

Pizza\_Hut

#### Basic:

- 01) Retrieve the total number of orders placed.
- 02) Calculate the total revenue generated from pizza sales.
- 03) Identify the highest-priced pizza.
- 04) Identify the most common pizza size ordered.
- 05) List the top 5 most ordered pizza types along with their quantities.

#### Intermediate:

- 06) Join the necessary tables to find the total quantity of each pizza category ordered.
- 07) Determine the distribution of orders by hour of the day.
- 08) Join relevant tables to find the category-wise distribution of pizzas.
- 09) Group the orders by date and calculate the average number of pizzas ordered per day.
- 10) Determine the top 3 most ordered pizza types based on revenue.

#### Advanced:

- 11) Calculate the percentage contribution of each pizza type to total revenue.
- 12) Analyze the cumulative revenue generated over time. **\$30**
- 13) Determine the top 3 most ordered pizza types based on revenue for each pizza category.

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