



Project Overview:

- THE PIZZA SALES SQL PROJECT INVOLVES BUILDING A RELATIONAL DATABASE SYSTEM FOR A PIZZA SHOP.
- THE SYSTEM WILL HELP STORE AND RETRIEVE INFORMATION RELATED TO:
- PIZZA ORDERS (INCLUDING TYPES OF PIZZA, SIZES, TOPPINGS)
- CUSTOMER DETAILS
- SALES DATA (REVENUE, FREQUENCY OF ORDERS)
- INVENTORY AND STOCK MANAGEMENT (INGREDIENTS USED, QUANTITIES)



KEY DATABASE TABLES:

Pizza_types:

Stores details such as pizza_type_id, name, address, category, and ingredients.

Order_details:

Stores details such as Order_detail_id, Order_id, Pizza_id, Quantity.

Orders Table:

Stores order information like the date of the order, Order ID, Order Time.

Pizzas:

Contains information about the different Pizza_id, Pizza_type_id, Size, Price.





BASIC QUESTION



Question 1: Retrieve the total number of orders placed.

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

Question 3: Identify the highest-priced pizza.

Question 4: Identify the most common pizza size ordered.

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

INTERMEDIATE QUESTION

Question 1: Join the necessary tables to find the total quantity of each pizza category ordered.

Question 2: Determine the distribution of orders by hour of the day.

Question 3: Join relevant tables to find the category-wise distribution of pizzas.

Question 4: Group the orders by date and calculate the average number of pizzas ordered per day.

Question 5: Determine the top 3 most ordered pizza types based on revenue.

Advance Question

Q. Calculate the percentage contribution of each pizza type to total revenue.

Q. Analyze the cumulative revenue generated over time.

Q. Determine the top 3 most ordered pizza types based on revenue for each pizza category.

