

SQL Commands Used in This Project

Database Creation

CREATE DATABASE

CREATE TABLE

Used to set up the database and tables for storing order data.

Data Selection and Filtering

SELECT

WHERE

LIMIT

Core commands used to retrieve data from the tables.

Aggregation Functions

SUM()

COUNT()

AVG()

Used to aggregate data for insights such as total revenue, number of orders, and average pizzas ordered per day.

Join Operations

INNER JOIN

Joins were used to combine data across multiple tables, such as orders, orders_details, and pizzas, to calculate revenue and identify popular pizzas.

Group and Order Operations

GROUP BY

ORDER BY

These commands helped in grouping data (e.g., by pizza category or hour of the day) and ordering results for clarity.

Window Functions

RANK()

OVER()

These commands ranked pizzas by revenue and calculated cumulative revenue over time.

Mathematical Operations

ROUND()

These were used to format results and perform calculations such as revenue contribution percentages.