PIZZA SALES SQL QUERIES

A year's worth of sales from a fictitious pizza place, including the date and time of each order and the pizzas, served, with additional details on the type, size, quantity, price, and ingredients.

**Recommended Analysis**

1. How many customers do we have each day? Are there any peak hours?
2. How many pizzas are typically in order? Do we have any bestsellers?
3. How much money did we make this year? Can we identify any seasonality in the sales?
4. Are there any pizzas we should take off the menu, or any promotions we could leverage?

**Dataset Link:**

<https://www.kaggle.com/datasets/mysarahmadbhat/pizza-place-sales>

# **How many customers do we have each day?**

SELECT

DATE(order\_date) AS per\_day,

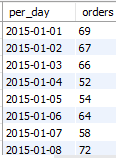
COUNT(DISTINCT (order\_id)) AS orders

FROM

pizzadb.pizza\_sales

GROUP BY order\_date;

RESULT :



**# Are there any peak hours?**

SELECT

HOUR(order\_time) AS peak\_hour, COUNT(\*) AS orders

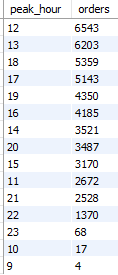
FROM

pizzadb.pizza\_sales

GROUP BY peak\_hour

ORDER BY orders DESC;

RESULT :



**# How many pizzas are typically in order?**

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))

AS Avg\_Pizzas\_per\_order

FROM pizza\_sales;

RESULT:



# Do we have any bestsellers?

SELECT

pizza\_name, SUM(quantity) AS times\_ordered

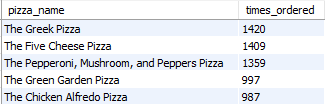
FROM

pizzadb.pizza\_sales

GROUP BY pizza\_name

ORDER BY times\_ordered DESC;

RESULT:



**# How much money did we make this year?**

SELECT

SUM(total\_price) AS yearly\_revenue

FROM

pizzadb.pizza\_sales;

RESULT:



**#Can we identify any seasonality in the sales?**

SELECT

MONTHNAME(order\_date) AS months, ROUND(SUM(total\_price), 2) AS monthly\_revenue

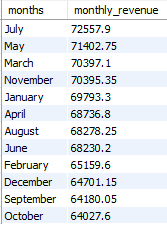
FROM

pizzadb.pizza\_sales

GROUP BY months

ORDER BY monthly\_revenue DESC;

RESULT:



**# Are there any pizzas we should take off the menu,**

SELECT

pizza\_name, SUM(quantity) AS sold

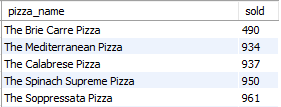
FROM

pizzadb.pizza\_sales

GROUP BY pizza\_name

ORDER BY sold ASC;

RESULT:



**#any promotions we could leverage?**

SELECT

pizza\_category, ROUND(SUM(total\_price), 2) AS total

FROM

pizzadb.pizza\_sales

GROUP BY pizza\_category

ORDER BY total DESC;

RESULT:

