



BY :  
SAMIR TANWEER

# SQL PIZZA SALES ANALYSIS



- DATA ANALYSIS PROJECT  
USING MYSQL



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# PROJECT OVERVIEW

## SQL PIZZA SALES ANALYSIS

This project analyzes pizza sales data using SQL to derive meaningful business insights.

The dataset contains information about:

- \* Orders
- \* Order details
- \* Pizza types
- \* Pizza prices and categories

The analysis focuses on sales performance, revenue trends, and identifying top-performing pizzas



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# DATASET DETAILS

THE PROJECT USES FOUR CSV TABLES:

- ORDERS – CONTAINS ORDER DATE AND TIME.
- ORDER\_DETAILS – CONTAINS QUANTITY OF PIZZAS ORDERED.
- PIZZAS – CONTAINS PIZZA SIZE & PRICE.
- PIZZA\_TYPES – CONTAINS PIZZA NAME & CATEGORY.

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THESE TABLES WERE IMPORTED INTO MYSQL AND USED FOR ANALYSIS

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# ANALYSIS PERFORMED

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## SQL QUERIES USED TO ANSWER BUSINESS QUESTIONS

The following analysis was performed using SQL:

- \* Total number of orders placed
- \* Total revenue generated from pizza sales
- \* Highest priced pizza
- \* Most common pizza size ordered
- \* Top 5 most ordered pizza types
  
- \* Total quantity ordered per pizza category
- \* Orders distribution by hour of the day
- \* Category-wise distribution of pizzas
- \* Average number of pizzas ordered per day
- \* Top 3 pizzas by revenue

\$30

- \* Percentage contribution of each pizza to total revenue
- \* Cumulative revenue over time
- \* Top 3 pizzas by revenue for each category





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# KEY INSIGHTS

## INSIGHTS DERIVED FROM SQL ANALYSIS

- \* The business receives a high volume of orders, indicating strong customer demand.
- \* Medium and Large pizza sizes are ordered more frequently compared to other sizes.
- \* A small number of pizza types contribute significantly to total revenue.
- \* Order volume is higher during specific hours of the day, showing peak business hours.
- \* Certain pizza categories perform better in terms of quantity sold and revenue generated.



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# CONCLUSION

## SUMMARY OF SQL PIZZA SALES ANALYSIS

- \* This project helped me understand how SQL can be used to analyze real business data.
- \* By querying the dataset, I analyzed sales performance, popular pizza sizes, and revenue trends.
- \* The analysis shows that certain pizza sizes and categories contribute more to overall revenue.
- \* Order patterns vary by time, which can help businesses plan staffing and inventory.
- \* Overall, this project improved my confidence in writing SQL queries and analyzing datasets





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## TOOLS USED

- \* SQL (MySQL) – For querying and analyzing the pizza sales data
- \* MySQL Workbench – To write and execute SQL queries
- \* CSV Files – Dataset used for analysis
- \* Canva – To create the project presentation



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# THANK YOU

This project demonstrates my ability to:

- \* Write SQL queries
- \* Analyze sales data
- \* Extract business insights



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