

PIZZA SALES PROJECT



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HELLO, PIZZA LOVERS!

"Imagine a magical place where you can find all kinds of pizzas! That's what my pizza project is all about. I used something called SQL to organize all the information about the pizzas, like their names, what's on them, and how much they cost."

my project can help you decide by showing you all the yummy options.



TYPES OF PIZZAS

CHICKEN PIZZAS	CLASSIC PIZZAS	SUPREME PIZZAS	VEGGIE PIZZAS
Barbecue Chicken	Big Meat	Brie Carre	Five Cheese
California Chicken	Classic Deluxe	Calabrese	Four Cheese
Chicken Alfredo	Hawaiian	Italian Supreme	Green Garden
Chicken Pesto	Italian Capocollo	Pepper Salami	Italian Vegetables
Southwest Chicken	Napolitana	Prosciutto and Arugula	Mediterranean
Thai Chicken	Pepperoni	Sicilian	Mexicana

PIZZA SIZES & PRICES

SIZE OF PIZZAS	Price (in dollars)
S - Small	\$12.75
M - Medium	\$16.75
L - Large	\$20.75
XL - Extra Large	\$25.50
XXL - Double Extra Large	\$35.95

Methodology: Procedures and Tools

Aspect	Details
Procedures	
Data Collection	Gathered information on various types of pizzas, including their names, ingredients, sizes, and prices.
Data Organization	Structured the data into tables, categorizing pizzas by type (Chicken, Classic, Supreme, Veggie) and including details like ingredients and prices.
SQL Database Creation	Created an SQL database to store the pizza data. Defined tables for pizza types, ingredients, sizes, and prices.
Data Insertion	Inserted the collected data into the respective tables in the SQL database.
Data Querying	Wrote SQL queries to retrieve specific information, such as the list of all pizzas, prices by size, and ingredient details.
Data Analysis	Analyzed the queried data to understand price variations and popular pizza ingredients. Used SQL functions to perform calculations and data manipulation.
Tools	
SQL Workbench	Utilized SQL Workbench for writing and executing SQL queries. Managed the database schema and performed data operations.
Excel	Used Excel for initial data collection and organization before importing it into the SQL database.
Presentation Software	CANVA



TOP 5 SQL QUERIES IN PIZZA PROJECT

01

RETRIEVE THE TOTAL
NUMBER OF ORDERS PLACED.

02

CALCULATE THE TOTAL
REVENUE GENERATED FROM
PIZZA SALES.

03

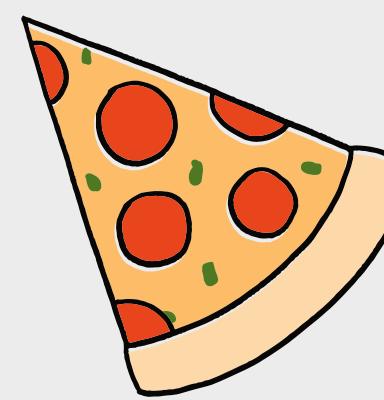
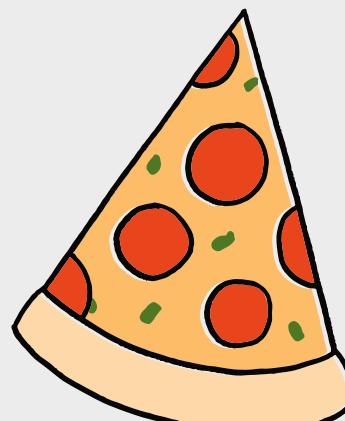
IDENTIFY THE HIGHEST-
PRICED PIZZA.

04

IDENTIFY THE MOST COMMON
PIZZA SIZE ORDERED.

05

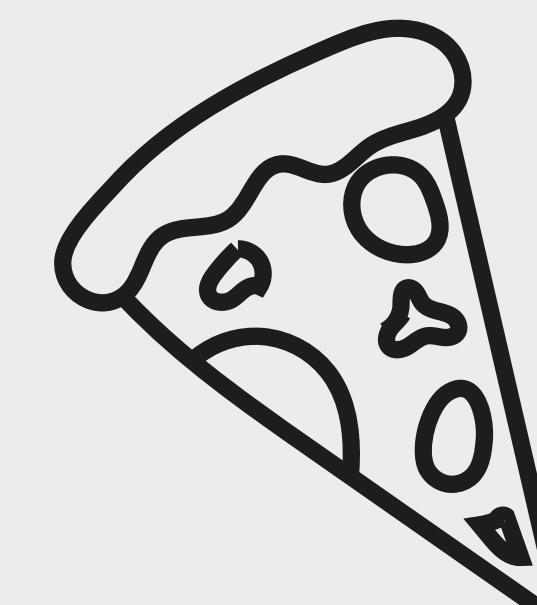
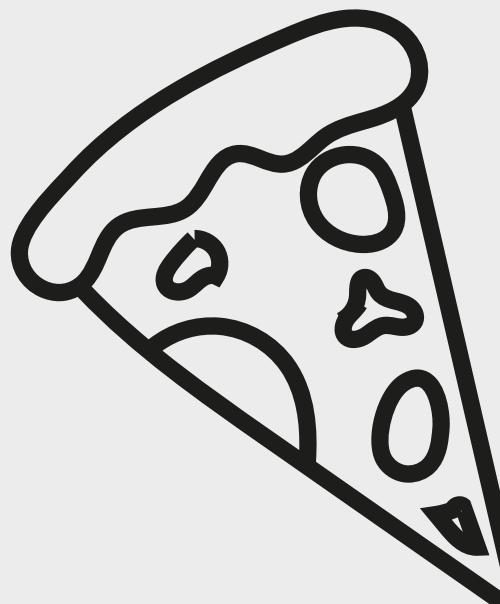
LIST THE TOP 5 MOST
ORDERED PIZZA TYPES ALONG
WITH THEIR QUANTITIES.



6

```
1  -- Retrieve the total number of orders placed.--  
2  
3 •  SELECT  
4      COUNT(order_id)  
5  FROM  
6      orders;  
7
```

	COUNT(order_id)
↓	21350



```
1  -- Calculate the total revenue generated from pizza sales.  
2  
3 • SELECT  
4      ROUND(SUM(quantity * price), 2)  
5  FROM  
6    order_details  
7  JOIN  
8    pizzas ON pizzas.pizza_id = order_details.pizza_id;
```

ROUND(SUM(quantity * price), 2)
817860.05

```
1  -- Identify the highest-priced pizza.  
2  
3 • SELECT  
4      pizza_types.name, pizzas.price  
5  FROM  
6      pizza_types  
7      JOIN  
8      pizzas  
9  WHERE  
10     pizza_types.pizza_type_id = pizzas.pizza_type_id  
11  ORDER BY pizzas.price DESC  
12  LIMIT 1;
```

name	price
The Greek Pizza	35.95

```
1  -- Identify the most common pizza size ordered.  
2  
3 • SELECT  
4      pizzas.size,  
5      COUNT(order_details.order_details_id) AS order_count  
6  FROM  
7      pizzas  
8      JOIN  
9      order_details ON pizzas.pizza_id = order_details.pizza_id  
10     GROUP BY pizzas.size  
11     ORDER BY order_count DESC;
```

size	order_count
L	18526
M	15385
S	14137
XL	544
XXL	28

```
1  -- List the top 5 most ordered pizza types along with their quantities
2
3 • SELECT
4      pizza_types.name, SUM(order_details.quantity) AS quantity
5  FROM
6      pizza_types
7      JOIN
8          pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
9      JOIN
10         order_details ON order_details.pizza_id = pizzas.pizza_id
11     GROUP BY pizza_types.name
12    ORDER BY quantity DESC LIMIT 5;
```

name	quantity
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

CONCLUSIONS

This project demonstrated how SQL can be used to manage and analyze data effectively, providing valuable insights into the pizza menu. Through this, we can better understand customer preferences and make informed decisions for menu offerings and pricing strategies. This project not only showcased the technical skills involved in SQL but also highlighted the importance of data organization and analysis in a practical, real-world scenario.



**THANK YOU
VERY MUCH**