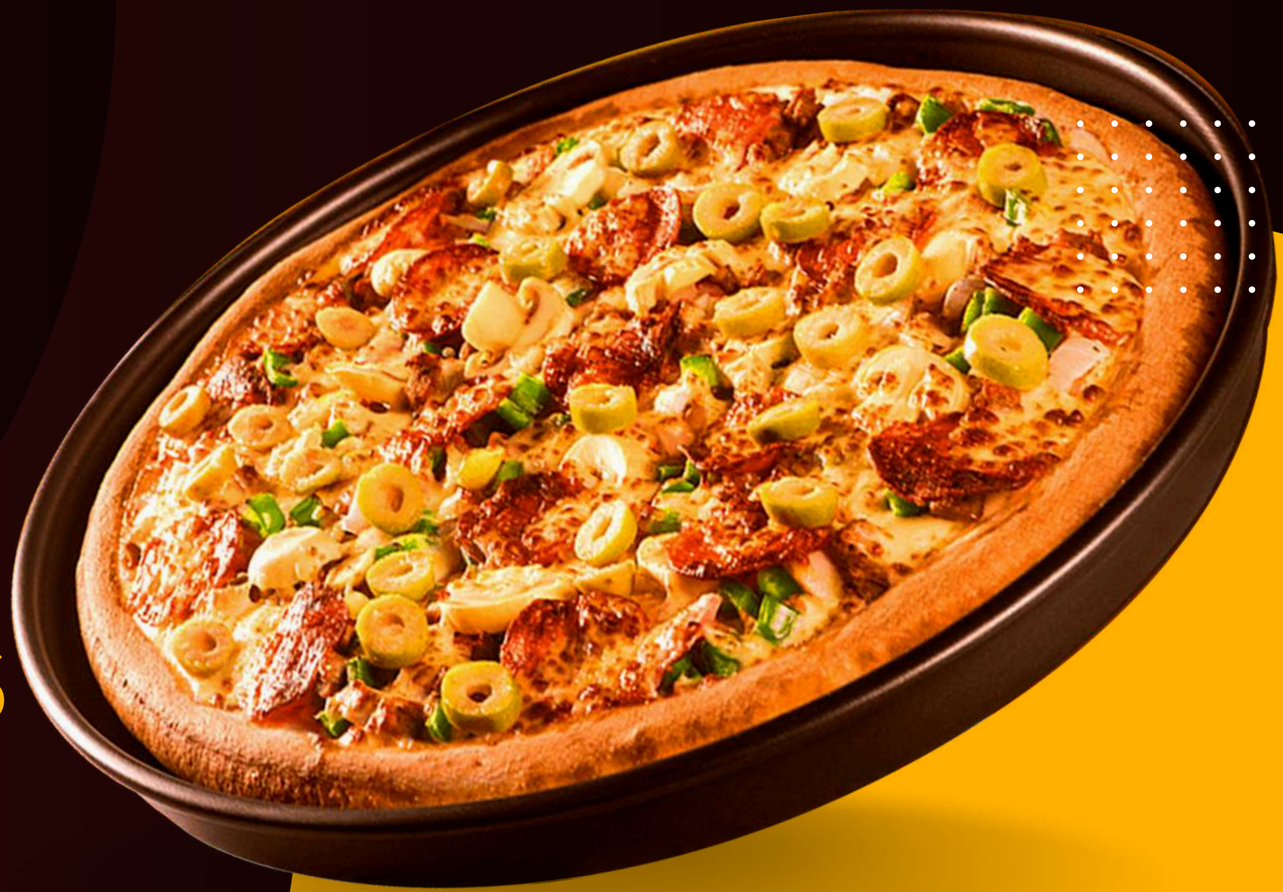
Shivangi | SQL Project📊

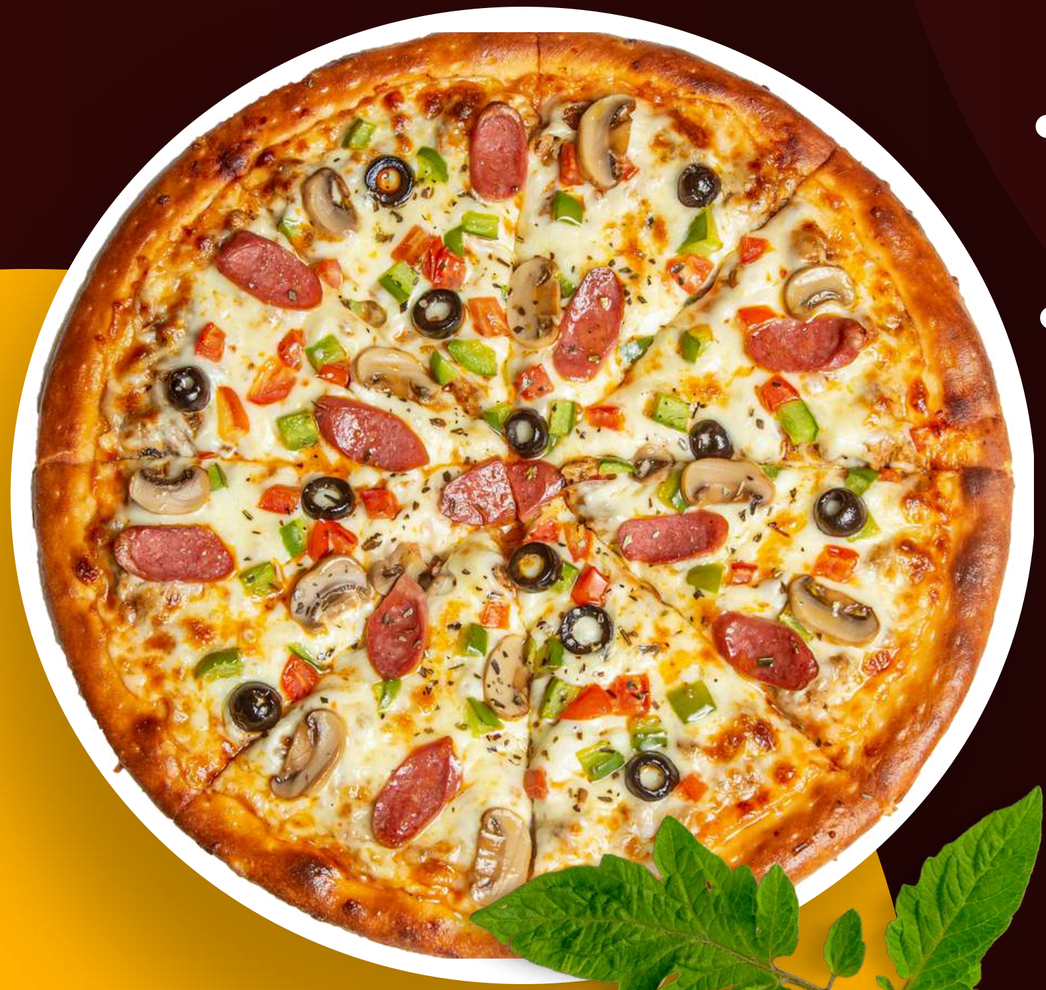
Project : Domino’s Pizza Sales Analysis



Turning data into Delicious Insights

WHERE EVERY SLICE TELLS A STORY

Title : Project Overview Content



- Real-world dataset of Domino’s Pizza orders
- Data cleaning, exploration, and insights using MySQL
- Focused on sales, revenue, quantity, and customer preferences
- Tools used: MySQL Workbench, Canva for presentation
- Duration: 4 days(I worked on this project regurarly 4 days)

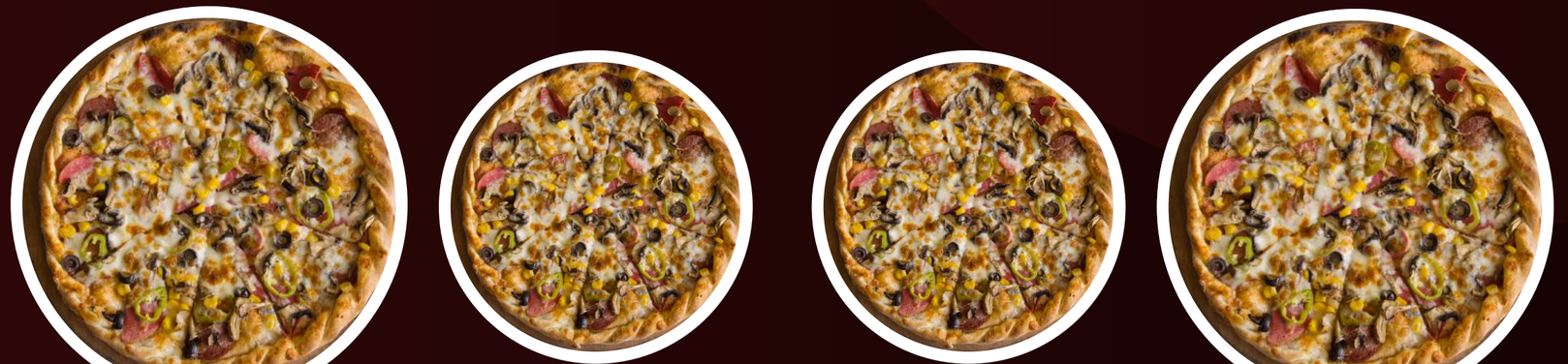
Domino’s Pizza

Title: Dataset Summary content:

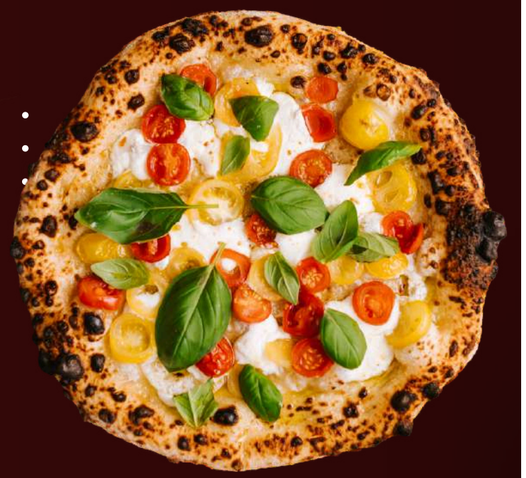
- **Tables Used:**
  - Orders
  - Order_details
  - Pizzas
  - Pizza_types
- **Total Records:**
  - ✓ Pizza - 32 records
  - ✓ Pizza_type- 33 records
  - ✓ Orders - 21350 records
  - ✓ Orders_details- 48620 records
- **Key Columns**
  - order_id, date, pizza_id, quantity, price, category, etc.

Tital: Buisness Question Solved list like this:

Q.1- Display the total number of orders placed in each month.
Q.2- Determine the number of orders placed during weekends (saturday & Sunday).
Q.3- Which pizza category has the highest total quantity sold
Q.4- List all pizzas that contain the word ‘chicken’ in their name.
Q.5- Find the top 5 best-selling pizzas in terms of quantity.
Q.6- Calculate the total revenue generated in each month.
Q.7- Show the most popular pizza size per category.
Q.8- Find the average quantity ordered per pizza type.



Q.1: Display the total number of orders placed in each month.



```sql
SELECT
    DATE_FORMAT(date, '%Y-%M') AS month,
    COUNT(order_id) AS total_order
FROM
    orders
GROUP BY month
ORDER BY Month;
```

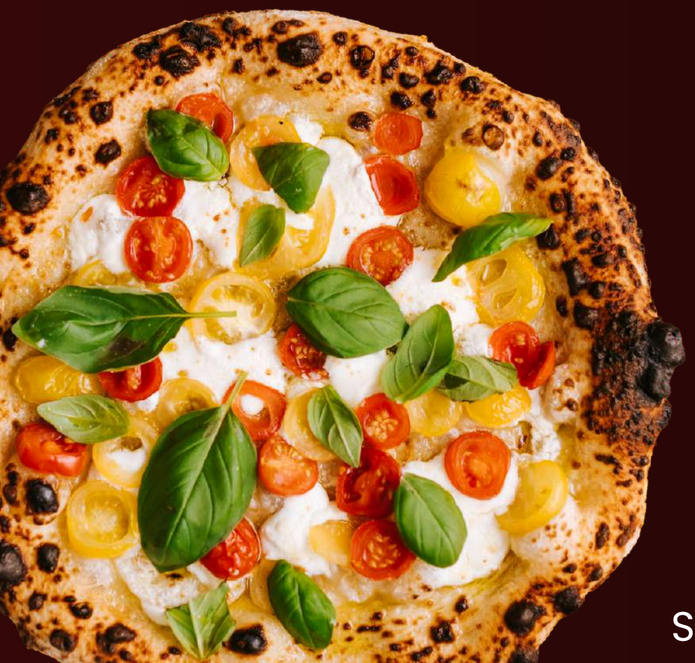
Result Grid | Filter Rows:

	month	total_order
▶	2015-January	967

FRESHNESS AND QUALITY GUARANTEED

Q.2: Determine the number of orders placed during weekends (Saturday & Sunday)

```sql
SELECT COUNT(*) AS total_weekend_orders
FROM orders
where DAYOFWEEK(date) IN (1,7);
```



Result Grid | Filter Rows:

total_weekend_orders
235

Q.3: Which pizza category has the highest total quantity sold.

```sql
SELECT
    pt.category, SUM(od.quantity) AS total_quantity
FROM
    order_details od
        JOIN
    pizzas p ON od.pizza_id = p.pizza_id
        JOIN
    pizza_types pt ON p.pizza_type_id = pt.pizza_type_id
GROUP BY pt.category
ORDER BY total_quantity DESC
LIMIT 1;
```

Result Grid | Filter Rows:

	category	total_quantity
▶	Classic	308

Q.4: List all pizzas that contain the word ‘Chicken’ in their name.

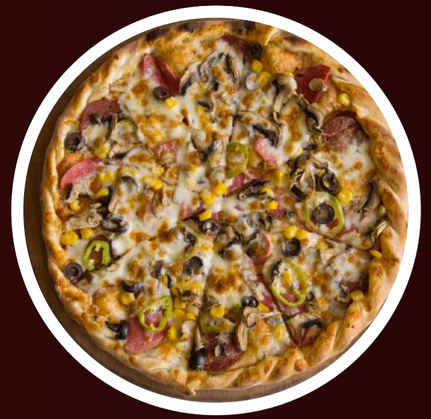
```sql
SELECT
    name
FROM
    pizza_types
WHERE
    name LIKE '%chicken%';
```

Result Grid | Filter Rows:

name
The Barbecue Chicken Pizza
The California Chicken Pizza
The Chicken Alfredo Pizza
The Chicken Pesto Pizza
The Southwest Chicken Pizza
The Thai Chicken Pizza

Q.5- Find the top 5 best-selling pizzas in terms of quantity.

```sql
SELECT
    pt.name AS best_selling_pizza,
    ROUND(AVG(od.quantity), 2) AS avg_quantity
FROM
    order_details od
        JOIN
    Pizzas p ON od.pizza_id = p.pizza_id
        JOIN
    pizza_types pt ON p.pizza_type_id = pt.pizza_type_id
GROUP BY pt.name
ORDER BY avg_quantity DESC
LIMIT 5;
```

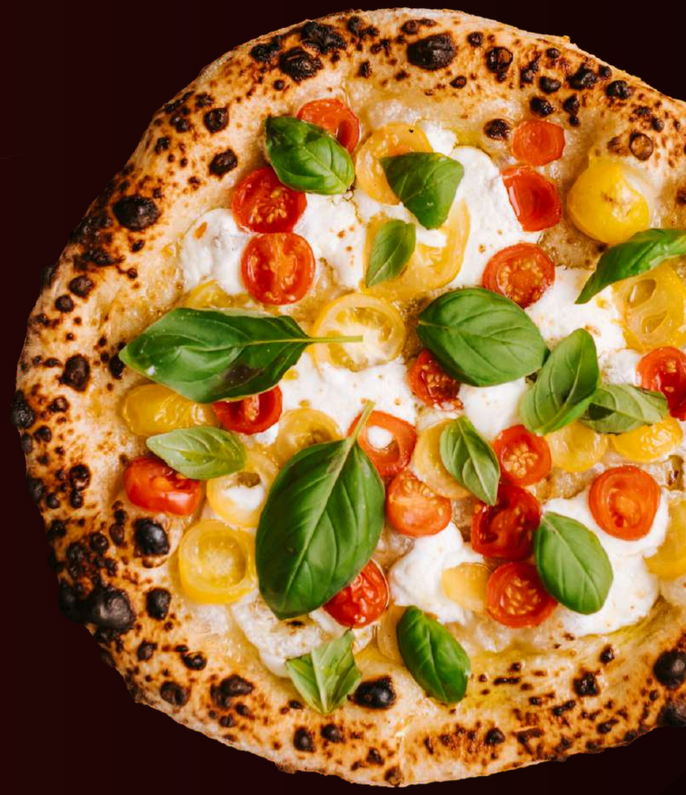


Result Grid | Filter Rows:

best_selling_pizza	avg_quantity
The Chicken Alfredo Pizza	1.11
The Big Meat Pizza	1.09
The Pepperoni Pizza	1.07
The Mediterranean Pizza	1.07
The Barbecue Chicken Pizza	1.06

Q.6- Calculate the total revenue generated in each month.

```sql
SELECT
    DATE_FORMAT(date, '%y_%m') AS Months,
    SUM(p.price * od.quantity) AS total_revenue
FROM
    order_details od
        JOIN
    Orders o ON o.order_id = od.order_id
        JOIN
    pizzas p ON p.pizza_id = od.pizza_id
GROUP BY months
ORDER BY total_revenue;
```



Result Grid | Filter Rows:

Months	total_revenue
15_01	16619.9

Q.7- Show the most popular pizza size per category.

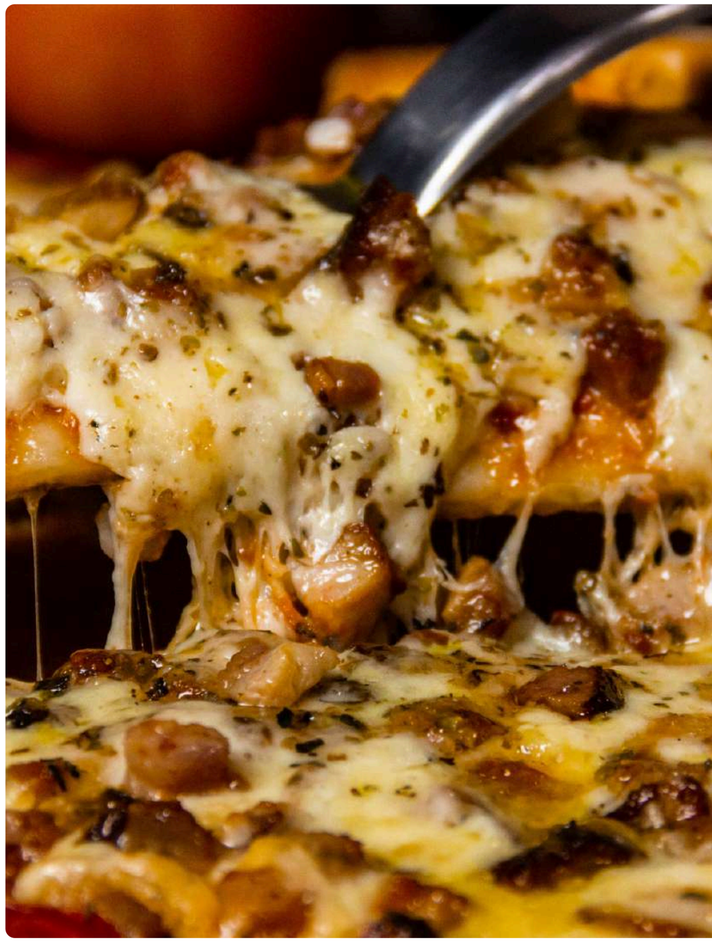
```sql
SELECT
    pt.category, p.size, COUNT(*) AS total_count
FROM
    Pizzas p
        JOIN
    Pizza_types pt ON pt.pizza_type_id = pt.pizza_type_id
GROUP BY pt.Category , p.size
ORDER BY total_count DESC;
```

Result Grid | Filter Rows:

category	size	total_count
Veggie	S	288
Supreme	S	288
Veggie	M	279
Supreme	M	279
Veggie	L	279
Supreme	L	279
Classic	S	256
Classic	M	248
Classic	L	248
Chicken	S	192
Chicken	M	186
Chicken	L	186

Q.8- Find the average quantity ordered per pizza type.

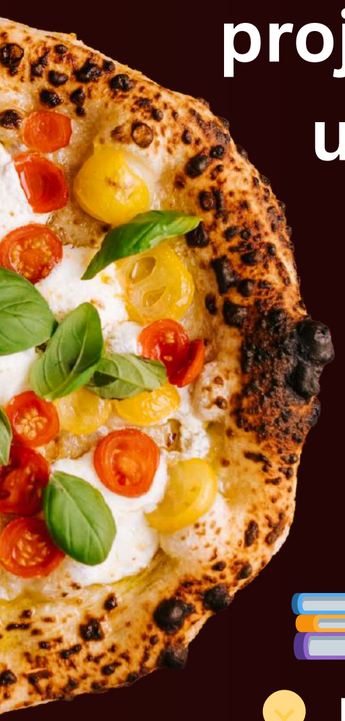
```sql
SELECT
    pizza_id, AVG(Quantity) AS avg_quantity
FROM
    order_details
GROUP BY pizza_id;
```



Result Grid | Filter Rows:

pizza_id	avg_quantity
hawaiian_m	1.0000
classic_dlx_m	1.0000
ital_supr_l	1.0000
mexicana_m	1.0000
thai_ckn_l	1.0000
ital_supr_m	1.0000
prsc_argla_l	1.0000
bbq_ckn_s	1.0000
the_greek_s	1.0000
spinach_supr_s	1.0000
classic_dlx_s	1.0000
green_garde	1.0000

"Conclusion & Learning"



🚀 During this Dominos's Pizza SQL project, I explored real-world buisness questions using MySQL and visualizer them creatively using Canva.

❌I included failed queries on purpose because errors helped me grow, improve, and debug confidentiality.

📚 Every error taught me something valuable.

💡 learning is not about being perfect it's about trying, failing, fixing and improving and that's exactly what I did in this journey.

💪 “Thank you for being part of my learning journey!”

THANK YOU