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Pizza Resto



# PIZZA RESTO

● WHERE EVERY SLICE TELLS A STORY

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# SQL PROJECT

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In this analysis, I utilized SQL to explore various aspects of the pizza sales data to answer key business questions. The findings from this project will help the business make informed decisions on inventory management, marketing strategies, and customer engagement.



# RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

```
SELECT  
    COUNT(order_id) AS total_orders  
FROM  
    orders;
```

	total_orders
▶	8325

# CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

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```
SELECT  
    SUM(o.quantity * p.price) AS total_sales  
FROM  
    order_details AS o  
    JOIN  
    pizzas p ON p.pizza_id = o.pizza_id;
```

Result Grid	
	total_sales
▶	2144.75

# IDENTIFY THE NAME OF HIGHEST-PRICED PIZZA.

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```
SELECT
    pt.name, p.price
FROM
    pizza_types pt
        JOIN
    pizzas p ON pt.pizza_type_id = p.pizza_type_id
ORDER BY price DESC
LIMIT 1;          -- The Greek Pizza is highest-priced pizza.
```

	name	price
▶	The California Chicken Pizza	20.75

# IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

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```
SELECT  
    p.size, COUNT(order_details_id) AS order_count  
FROM  
    pizzas p  
    JOIN  
        order_details od ON p.pizza_id = od.pizza_id  
GROUP BY p.size  
ORDER BY order_count DESC  
LIMIT 1;
```

	size	order_count	
▶	M	55	

# TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES.

SELECT

pt.name AS Pizza\_Type, SUM(od.quantity) AS Total\_Quantity

FROM

order\_details od

JOIN

pizzas p ON p.pizza\_id = od.pizza\_id

JOIN

pizza\_types pt ON p.pizza\_type\_id = pt.pizza\_type\_id

GROUP BY pt.name

ORDER BY Total\_Quantity DESC

LIMIT 5;

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Result Grid		
	Pizza_Type	Total_Quantity
▶	The Thai Chicken Pizza	64
	The California Chicken Pizza	31
	The Mediterranean Pizza	16
	The Spinach and Feta Pizza	8

# FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED.

SELECT

```
pt.category AS Category_of_pizza,  
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;
```

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Result Grid | Filter Rows:

	Category_of_pizza	Total_Quantity
▶	12:49:07	54
	Chicken	41
	Veggie	16
	18:42:17	8

# DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

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```
SELECT  
    HOUR(time) AS Order_Hour, COUNT(*) AS Total_Orders  
FROM  
    orders  
GROUP BY Order_Hour  
ORDER BY Order_Hour;
```

Result Grid | Filter Rows:

	Order_Hour	Total_Orders
▶	10	4
	11	464
	12	992
	13	936
	14	610
	15	561
	16	741
	17	992

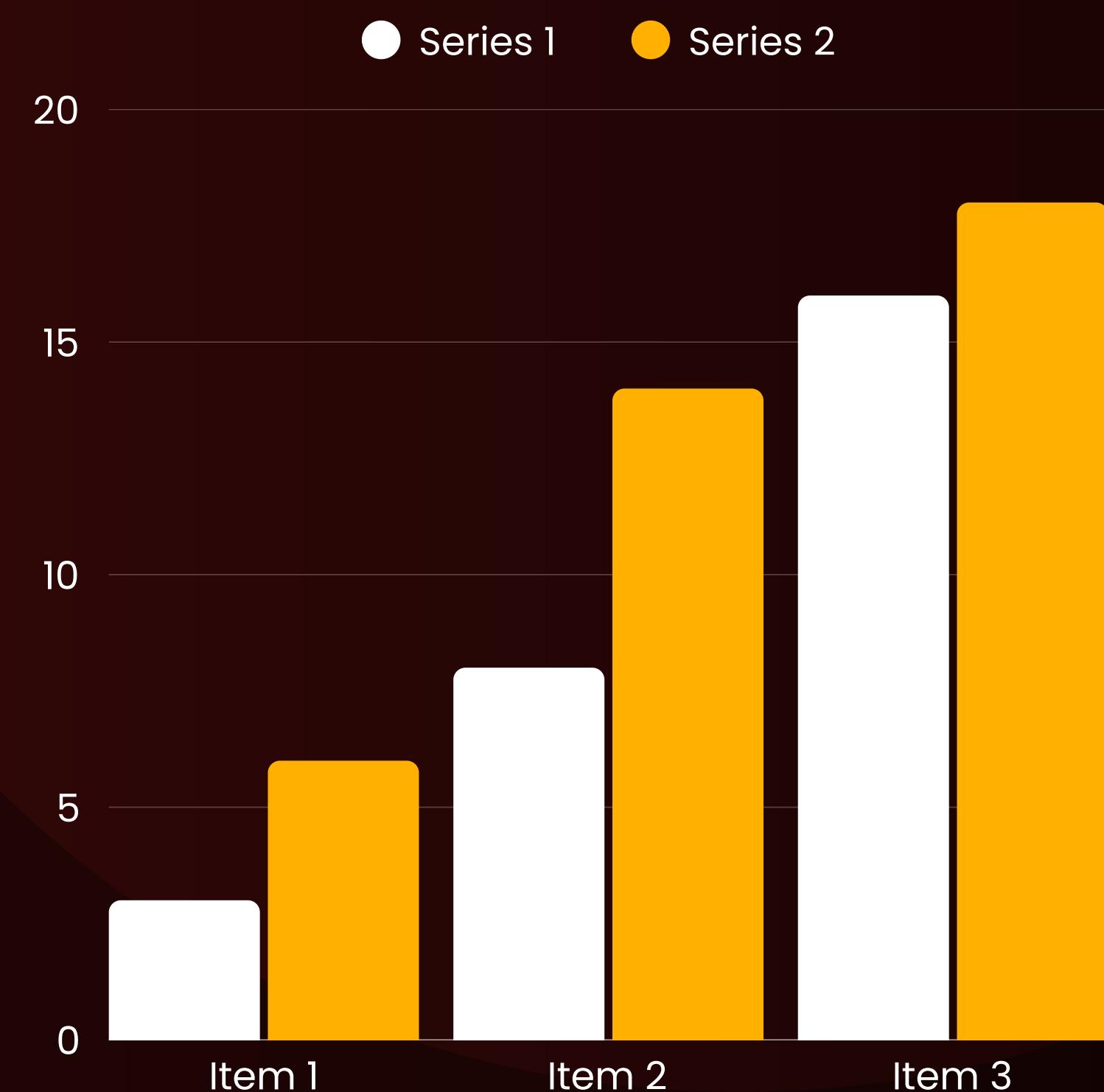
# FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS.

SELECT

```
pt.category AS Category_of_Pizza,  
COUNT(p.pizza_id) AS Number_of_Pizza  
  
FROM  
pizza_types pt  
JOIN  
pizzas p ON p.pizza_type_id = pt.pizza_type_id  
  
GROUP BY Category_of_Pizza  
ORDER BY Number_of_Pizza;
```

Result Grid | Filter Rows:

	Category_of_Pizza	Number_of_Pizza
▶	Classic	1
	veggie_veg_m	1
	12:49:07	2
	18:42:17	3
	Veggie	4
	Chicken	8



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# DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE.

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```
pt.name AS Pizza_Type,  
ROUND(SUM(od.quantity * p.price), 2) AS Total_Revenue  
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 Total_Revenue DESC  
LIMIT 3;
```

Result Grid | Filter Rows:

	Pizza_Type	Total_Revenue
▶	The California Chicken Pizza	547.25
	The Thai Chicken Pizza	478.5
	The Mediterranean Pizza	273.5



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# THANK YOU

## FOR ATTENTION

- 2025 PIZZA RESTO PRESENTATION