

# THE PIZZARIA

## PIZZA SALES REPORT USING SQL

20% OFF



# THE PIZZARIA



## PROJECT OVERVIEW

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This project is about the sales of THE PIZZARIA for different category and types of pizza. I utilized the differenet SQL queries to generate the insight from the dataset

# THE PIZZARIA



## DATASET OVERVIEW

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**The Dataset included four different tables providing information for the analysis.**

**Pizzas**

**Pizza-types**

**Orders**

**Order-details**

# THE PIZZARIA



-- RETRIEVE THE TOTAL NUMBER  
OF ORDER PLACED

```
SELECT
```

```
    COUNT(Order_id) AS total_orders
```

```
FROM
```

```
    orders;
```

	total_orders
--	--------------

→	21350
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# THE PIZZARIA

## CALCULATE TOTAL REVENUE GENERATED FROM PIZZA SALES

```
SELECT  
    ROUND(SUM(orders_details.Quantity * Pizzas.Price),  
          2) AS Total_sales  
FROM  
    orders_details  
    JOIN  
    pizzas ON Pizzas.Pizza_id = Orders_details.Pizza_id
```

	Total_sales
▶	817860.05

# THE PIZZARIA

IDENTIFY THE HIGHEST PRICED  
PIZZA

```
SELECT
    pizza_types.name, pizzas.price
FROM
    pizza_types
        JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
ORDER BY pizzas.price DESC
LIMIT 1;
```

	name	price
▶	The Greek Pizza	35.95

# THE PIZZARIA

IDENTIFY THE MOST COMMON  
PIZZA SIZED ORDER

SELECT

```
pizzas.size,  
COUNT(orders_details.Order_details_id) AS order_count
```

FROM

```
pizzas
```

JOIN

```
orders_details ON pizzas.pizza_id = orders_details.Pizza_
```

GROUP BY pizzas.size

ORDER BY order\_count DESC;

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



# THE PIZZARIA

**LIST THE 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITY**

**SELECT**

```
    pizza_types.name, SUM(orders_details.Quantity) AS Quantity
```

**FROM**

```
    pizza_types
```

**JOIN**

```
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
```

**JOIN**

```
    orders_details ON orders_details.Pizza_id = pizzas.pizza_id
```

**GROUP BY** pizza\_types.name

**ORDER BY** Quantity DESC

**LIMIT 5;**



<b>name</b>	<b>Quantity</b>
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371





# THE PIZZARIA

JOIN THE NECESSARY TABLES TO  
FIND THE TOTAL QUANTITY OF EACH  
PIZZA CATEGORY ORDERED

SELECT

```
    pizza_types.category,  
    SUM(orders_details.Quantity) AS quantity  
FROM  
    pizza_types  
        JOIN  
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
        JOIN  
    orders_details ON orders_details.Pizza_id = pizzas.pizza_id  
GROUP BY pizza_types.category  
ORDER BY quantity DESC;
```



	category	quantity
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050

# THE PIZZARIA

DETERMINE THE DISTRIBUTION OF  
THE ORDERS BY HOUR OF THE DAY

SELECT

```
HOUR(order_time)as hour, COUNT(order_id) as order_count
```

FROM

```
orders
```

```
GROUP BY HOUR(order_time)
```

```
order by order_count desc limit 5;
```

	hour	order_count
▶	12	2520
	13	2455
	18	2399
	17	2336
	19	2009

# THE PIZZARIA

JOIN THE RELEVANT TABLE TO FIND  
THE CATEGORYWISE DISTRIBUTION  
OF PIZZA

```
SELECT  
    category, COUNT(name)  
FROM  
    pizza_types  
GROUP BY category;
```

	category	count(name)
▶	Chicken	6
	Classic	8
	Supreme	9
	Veggie	9

# THE PIZZARIA

GROUP THE ORDERS BY DATE AND  
CALCULATE THE AVERAGE NUMBER OF  
PIZZAS ORDER PER DAY

- SELECT

```
    ROUND(AVG(quantity), 0) as avg_pizza_ordered_perday
  FROM
    (SELECT
      orders.Order_date, SUM(orders_details.Quantity) AS quantity
    FROM
      orders
    JOIN orders_details ON orders.Order_id = orders_details.Order_id
    GROUP BY orders.Order_date) AS order_quantity;
```

	avg_pizza_ordered_perday
▶	138

# THE PIZZARIA

DETERMONE THE TOP 3 MOST ORDERED PIZZA TYPE BASED ON REVENUE

SELECT

```
pizza_types.name,  
SUM(orders_details.Quantity * pizzas.price) AS revenue
```

FROM

```
pizza_types
```

JOIN

```
pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
```

JOIN

```
orders_details ON orders_details.Pizza_id = pizzas.pizza_id
```

GROUP BY pizza\_types.name

ORDER BY revenue DESC

LIMIT 3;

	name	revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5

# THE PIZZARIA

 **THANK YOU**

