



# PIZZA\_SALES





# WELCOME TO PIZZA\_SALES

I WORKED ON A PIZZA SALES ANALYSIS PROJECT WHERE I EXTRACTED DATA FROM EXCEL FILES AND UTILIZED SQL QUERIES TO ANSWER KEY BUSINESS QUESTIONS. THE PROJECT FOCUSED ON UNCOVERING INSIGHTS FROM SALES DATA TO SUPPORT DECISION-MAKING.



# RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED

SELECT

COUNT(order\_id) AS total\_orders

FROM

orders;

total\_orders

21350

# CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES

```
SELECT round(Sum(order_details.quantity * pizzas.price),2) AS total_sales  
FROM order_details  
JOIN pizzas ON pizzas.pizza_id = order_details.pizza_id  
LIMIT 0, 1000;
```

Result Grid

total\_sales

749084.9

# 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

# IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

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

size	order_count
L	16956
M	14103
S	12927
XL	508
XXL	27

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

```
SELECT pizza_types.name,  
       SUM(order_details.quantity) AS quantity  
  FROM pizza_types  
 JOIN pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
 JOIN order_details ON order_details.pizza_id = pizzas.pizza_id  
 GROUP BY pizza_types.name ORDER BY quantity DESC LIMIT 5;
```

Result Grid | Filter Rows:

	name	quantity
▶	The Classic Deluxe Pizza	2244
	The Barbecue Chicken Pizza	2239
	The Pepperoni Pizza	2227
	The Hawaiian Pizza	2200
	The Thai Chicken Pizza	2155

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

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

Result Grid | Filter Rows:

	category	quantity
▶	Classic	13634
	Supreme	10997
	Veggie	10659
	Chicken	10103

# DETERMINE THE DISTRIBUTION OF 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);
```

hour	order_count
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198

# RELEVANT TABLES TO FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS.

```
select category, count(name) from pizza_types  
group by category;
```

Result Grid | Filter Rows:

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

# GROUP THE ORDERS BY DATE AND CALCULATE THE AVERAGE NUMBER OF PIZZAS ORDERED PER DAY.

```
SELECT round(AVG(quantity), 0)
FROM (
    SELECT orders.order_date, SUM(order_details.quantity) AS quantity
    FROM orders
    JOIN order_details ON orders.order_id = order_details.order_id
    GROUP BY orders.order_date
) AS order_quantity;
```

Result Grid

round(AVG(quantity), 0)
139

139



Filter Row

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

```
SELECT pizza_types.name AS pizza_type,  
       SUM(order_details.quantity * pizzas.price) AS total_revenue  
FROM order_details  
JOIN pizzas ON order_details.pizza_id = pizzas.pizza_id  
JOIN pizza_types ON pizzas.pizza_type_id = pizza_types.pizza_type_id  
GROUP BY pizza_types.name  
ORDER BY total_revenue DESC  
LIMIT 3;
```

Result Grid | Filter Rows:

pizza_type	total_revenue
The Thai Chicken Pizza	39420.25
The Barbecue Chicken Pizza	39363.25
The California Chicken Pizza	37666.75



# THANK YOU!

