



# PIZZA SALES

R E P O R T   A N A L Y S I S

*CREATED USING MYSQL QUERY*







PIZZA SALES  
REPORT

# HELLO!

Hello ,My Name Is Kusuma.G.S In This Project I Have Utilized SQL Queries To Solve Questions That Were Related To Pizza Sales.



# RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED :

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

| Result Grid |              |  |
|-------------|--------------|--|
|             | total_orders |  |
| ▶           | 21350        |  |





# CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES :



```
SELECT  
    ROUND(SUM(order_details.quantity * pizzas.price),  
          2) AS total_revenue_sales  
  
FROM  
    order_details  
    JOIN  
    pizzas ON pizzas.pizza_id = order_details.pizza_id
```

| Result Grid |                     |  |  | Filter |
|-------------|---------------------|--|--|--------|
|             | Total_revenue_sales |  |  |        |
|             | 817860.05           |  |  |        |



# IDENTIFY THE HIGHEST PRICED PRICE :



```
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;
```

| Result Grid |                 |       |  |  Filter Row |
|-------------|-----------------|-------|---|--|
|             | 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;
```

| Result Grid     |      |             |
|---|------|-------------|
|   | size | order_count |
|   | L    | 18526       |
|   | M    | 15385       |
|   | S    | 14137       |
|   | XL   | 544         |
|   | XXL  | 28          |





# LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITHH 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;
```

| 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     |



# 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 |          |          |  |  | F |
|-------------|----------|----------|--|--|---|
|             | category | quantity |  |  |   |
|             | Classic  | 14888    |  |  |   |
|             | Supreme  | 11987    |  |  |   |
|             | Veggie   | 11649    |  |  |   |
|             | Chicken  | 11050    |  |  |   |





# DETERMINE THE DISTRIBUTION OF ORDERS BY HOURS OF THE DAY :

```
SELECT  
    HOUR(order_time) AS Hour, COUNT(order_id) AS Order_count  
FROM  
    orders  
GROUP BY HOUR(order_time);
```

| Result Grid |      |             |  |
|-------------|------|-------------|--|
|             | Hour | Order_count |  |
|             | 11   | 1231        |  |
|             | 12   | 2520        |  |
|             | 13   | 2455        |  |
|             | 14   | 1472        |  |
|             | 15   | 1468        |  |
|             | 16   | 1920        |  |
|             | 17   | 2336        |  |



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

```
SELECT
    round(AVG (quantity),0) as AVG_pizza_ordered_per_day
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 |                           |  | Filter Rows |
|-------------|---------------------------|--|-------------|
|             | AVG_pizza_ordered_per_day |  |             |
| ▶           | 138                       |  |             |



# ANALYZE THE CUMULATIVE REVENUE GENERATED OVER TIME:



```
select order_date,  
sum(Revenue) over(order by order_date) as  
cumulative_revenue from  
(select orders.order_date,  
sum(order_details.quantity * pizzas.price) as Revenue  
from order_details join pizzas on  
order_details.pizza_id = pizzas.pizza_id  
join orders on order_details.order_id = orders.order_id  
group by orders.order_date) as sales;
```

| Result Grid     Filter Rows: |            |                    |
|--|------------|--------------------|
|  | order_date | cumulative_revenue |
|  | 2015-01-01 | 2713.8500000000000 |
|  | 2015-01-02 | 5445.75            |
|  | 2015-01-03 | 8108.15            |
|  | 2015-01-04 | 9863.6             |
|  | 2015-01-05 | 11929.55           |
|  | 2015-01-06 | 14358.5            |
|  | 2015-01-07 | 16560.7            |



# CALCULATE THE PERCENTAGE CONTRIBUTIONS OF EACH PIZZA TYPE TO TOTAL REVENUE :



## PIZZA SALES REPORT ANALYSIS

```
SELECT
    pizza_types.category,
    ROUND(SUM(order_details.quantity * pizzas.price) / (SELECT
        ROUND(SUM(order_details.quantity * pizzas.price),
            2) AS total_sales
    FROM
        order_details
        JOIN
        pizzas ON order_details.pizza_id = pizzas.pizza_id) * 100,
    2) AS Revenue
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 revenue DESC;
```

| Result Grid |          |         | Filter |
|-------------|----------|---------|--------|
|             | category | Revenue |        |
|             | Classic  | 26.91   |        |
| ▶           | Supreme  | 25.46   |        |
|             | Chicken  | 23.96   |        |
|             | Veggie   | 23.68   |        |





## PIZZA SALES

REPORT ANALYSIS

DETERMINE THE MOST ORDERED PIZZA TYPES BASED ON REVENUE FOR EACH PIZZA CATEGORY:

```
select name, revenue from
(select category,name, Revenue,
rank() over(partition by category order by revenue desc)
as rn from
(select pizza_types.category, pizza_types.name,
sum(order_details.quantity * pizzas.price) as Revenue
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, pizza_types.name)as a)
as b where rn <=3;
```

| Result Grid |                              |            |  |  | Filter Rows: |
|-------------|------------------------------|------------|--|--|--------------|
|             | name                         | revenue    |  |  |              |
|             | The Thai Chicken Pizza       | 43434.25   |  |  |              |
|             | The Barbecue Chicken Pizza   | 42768      |  |  |              |
|             | The California Chicken Pizza | 41409.5    |  |  |              |
|             | The Classic Deluxe Pizza     | 38180.5    |  |  |              |
|             | The Spicy Italian Pizza      | 34831.25   |  |  |              |
|             | The Italian Supreme Pizza    | 33476.75   |  |  |              |
|             | The Hawaiian Pizza           | 32273.25   |  |  |              |
|             | The Four Cheese Pizza        | 32265.7000 |  |  |              |
|             | The Sicilian Pizza           | 30940.5    |  |  |              |
|             | The Pepperoni Pizza          | 30161.75   |  |  |              |
|             | The Mexicana Pizza           | 26780.75   |  |  |              |
|             | The Five Cheese Pizza        | 26066.5    |  |  |              |





# PIZZA SALES

## A N A L Y S I S   R E P O R T

### LINKEDIN PROFILE LINK :

[https://www.linkedin.com/in/kusuma-g-s-411445234?  
utm\\_source=share&utm\\_campaign=share\\_via&utm\\_content=p  
rofile&utm\\_medium=android\\_app](https://www.linkedin.com/in/kusuma-g-s-411445234?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)







PIZZA SALES  
ANALYSIS REPORT

THANK YOU

