Where Every Slice is a Taste of Perfection

WELCOME TO PIZZA RESTO

ORDER NOW

Start Your Slide

THE TOTAL NUMBER OF ORDERS PLACED

```
select count(order_id) as total_orders
from orders;
```

'21350'

THE TOTAL REVENUE GENERATED FROM PIZZA SALES

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

'817860.05'

the highest price-pizza

'THE GREEK PIZZA', '35.95'

THE MOST COMMON PIZZA SIZE ORDERED

'L', '18526'

```
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
LIMIT 1;
```

THE TOP 3 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES

2453

'The Classic Deluxe Pizza'

2432

'The Barbecue Chicken Pizza'

2422

'The Hawaiian Pizza'

THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED

Classic
14888
Supreme
11987
Veggie
11649
Chicken
11050

```
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;
```

distribution of orders by hour of the day

# 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
22	663
23	28
10	8
9	1

```
SELECT
HOUR(order_time) AS hour, COUNT(order_id) AS order_count
FROM
orders
GROUP BY HOUR(order_time);
```

the category-wise distribution of pizzas

Chicken

6

Classic

8

Supreme

9

Veggie

9

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

group the orders by date and calculate the average number of pizzas ordered per day

'138'

```
SELECT
ROUND(AVG(quantity), 0) as `average_pizza/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;
```

THE TOP3 MOST ORDERED PIZZA TYPES BASED ON REVENU

'The Thai Chicken Pizza', '43434.25'
'The Barbecue Chicken Pizza', '42768'
'The California Chicken Pizza', '41409.5'

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

```
SELECT
pizza_types.category,
round((SUM(order_details.quantity * pizzas.price) /
total_sales.total) * 100,2) AS revenue_percentage
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
CROSS JOIN
(SELECT ROUND(SUM(order_details.quantity *
pizzas.price), 2) AS total
FROM order_details
JOIN pizzas ON order_details.pizza_id = pizzas.pizza_id) AS
total_sales
GROUP BY
pizza_types.category, total_sales.total
ORDER BY
revenue_percentage DESC;
```

THE PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE

Classic	26.91
Supreme	25.46
Chicken	23.96
Veggie	23.68

analyze the cumulative revenue generated over time

Classic	26.91
Supreme	25.46
Chicken	23.96
Veggie	23.68

```
select o_date,
sum(revenue) over(order by o_date) as cum_revenue
from
(select orders.order_date as o_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 orders.order_id=order_details.order_id
group by  o_date) as sales
```