

PIZZA



Hi, I am Arbind using SQL try to make Pizza_sales PPT

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_Ravenue  
FROM  
    order_details  
    JOIN  
    pizzas ON order_details.pizza_id = pizzas.pizza_id;
```

	Total_Ravenue
▶	817860.05

Identify the highest-priced pizza

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

	name	Higest_Priced_Pizza
	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	18526
M	15385
S	14137

List the top 5 most ordered pizza types along with their quantities.

```
SELECT pizza_types.name,  
       SUM(order_details.quantity) AS Top_order_Pizza  
  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 Top_order_Pizza DESC LIMIT 5;
```

	name	Top_order_Pizza
	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 pizzas.pizza_id = order_details.pizza_id  
 GROUP BY pizza_types.category  
 ORDER BY quantity DESC;
```

category	Quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

Determine the distribution of most 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;
```

Hour	Order_Count
12	2520
13	2455
18	2399
17	2336
19	2009

Join relevant tables to find the category-wise distribution of pizzas.

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

category	Pizza_Types
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) AS Per_day_Order
FROM
    (SELECT
        orders.order_date, COUNT(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;
```

Per_day_Order

136

Determine the top 3 most ordered pizza types based on revenue

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

name	Total_Revenue
The Thai Chicken Pizza	43434
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41410

PIZZA



THANKS FOR WATCHING