

PIZZA SALE IS LIVE



INTRODUCTION

Hello! I'm Priya from Pizza Hut.
I have used SQL queries to resolves pizza sales!

Let's start our adventure in the world of pizza!

RETRIVE THE TOTAL NUMBER OF ORDERS PLACED.

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

Result Grid

total_orders
21350

THE TOTAL REVENUE GENERATED FROM PIZZA SALES

- **SELECT**

```
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  
      OR
```

Result Grid | Filter Rows:

	total_sales
▶	817860.05

TOP 5 MOST ORDERED PIZZA TYPES ALONGWITH THEIR QUANTITY

- **SELECT**

```
    pizza_types.name, COUNT(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	2416
	The Barbecue Chicken Pizza	2372
	The Hawaiian Pizza	2370
	The Pepperoni Pizza	2369
	The Thai Chicken Pizza	2315

TOTAL QNTY 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;
```

name	Quantity
The Classic Deluxe Pizza	2416
The Barbecue Chicken Pizza	2372
The Hawaiian Pizza	2370
The Pepperoni Pizza	2369
The Thai Chicken Pizza	2315

PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE

- **SELECT**

```
    pizza_types.category,  
    ROUND(SUM(order_details.quantity * pizzas.price) / (SELECT  
        SUM(order_details.quantity * pizzas.price)  
    FROM order_details JOIN  
        pizzas ON pizzas.pizza_id = order_details.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 Rows:

	category	revenue
▶	Classic	26.91
	Supreme	25.46
	Chicken	23.96
	Veggie	23.68

CUMULATIVE REVENUE GENERATED OVER TIME

SELECT

```
• select date, sum(revenue) over (order by date) as cum_revenue
  from
    (select orders.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 orders.date) as sales;
```

	date	cum_revenue
▶	2015-01-01	2713.8500000000004
	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
	2015-01-08	19399.05
	2015-01-09	21526.4
	2015-01-10	23990.350000000002
	2015-01-11	25862.65
	2015-01-12	27781.7

DISTRIBUTION OF ORDERS BY HOUR OF THE DAY

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

Result Grid	
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

VARIATIONS



Pizza Margherita



Pepperoni Pizza



BBQ Chicken Pizza



Hawaiian Pizza

THANK YOU

Hope our analysis via sql helped
you too in understanding ths data.