



PIZZA SALES REPORT

USING SQL



20
24

presented by
• Monica Nath Bose





INTRODUCTION

Welcome to my pizza sales report presentation. In this report, I have utilized the SQL queries to solve the queries that are related to pizza sales. Here I analyze and review pizza sales performance over a specific period. By examining key metrics and trends, I provide valuable insights that inform decision-making and drive business growth.

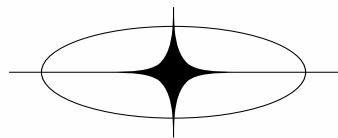




EXECUTIVE SUMMARY

The executive summary provides a high-level overview of sales performance, highlighting key achievements, challenges, and trends. It serves as a snapshot of our sales activities and provides context for the detailed analysis presented in the subsequent slides.





RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED

```
use pizzahut;  
select * from orders;  
select count(order_id) as total_orders from orders;
```

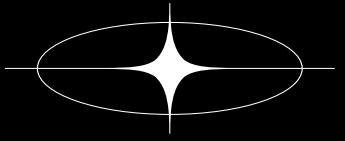
	total_orders
▶	21350



CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

```
select
    round(sum(orders_details.quantity * pizzas.price),2) as total_sales
from orders_details JOIN pizzas
ON orders_details.pizza_id = pizzas.pizza_id;
```

	total_sales
▶	817860.05



20
24



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;
```

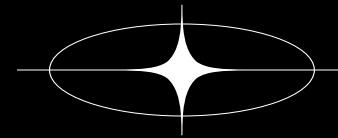
	name	price
▶	The Greek Pizza	35.95



IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED

```
select size, count(order_details_id) as order_count
from pizzas join orders_details
on pizzas.pizza_id = orders_details.pizza_id
group by size order by order_count desc limit 1;
```

	size	order_count
▶	L	18526



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

```
select pizza_types.name,  
       sum(orders_details.quantity) as total_quantity  
  from pizza_types join pizzas  
    on pizza_types.pizza_type_id = pizzas.pizza_type_id  
   join orders_details  
    on orders_details.pizza_id = pizzas.pizza_id  
 group by name order by total_quantity desc limit 5;
```

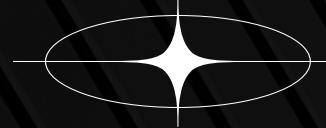
	name	total_quantity
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371



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

```
select pizza_types.category,  
sum(orders_details.quantity) as total_quantity  
from pizza_types join pizzas  
on pizza_types.pizza_type_id = pizzas.pizza_type_id  
join orders_details  
on orders_details.pizza_id = pizzas.pizza_id  
group by pizza_types.category;
```

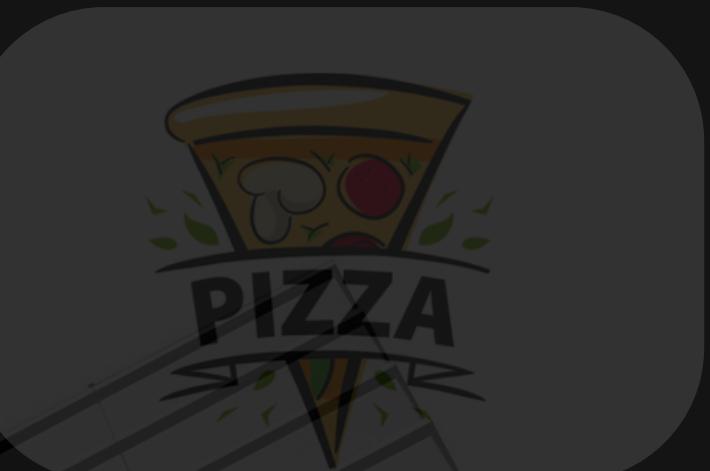
	category	total_quantity
▶	Classic	14888
	Veggie	11649
	Supreme	11987
	Chicken	11050



DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

```
select hour(order_time) , count(order_id)  
from orders  
group by hour(order_time);
```

	hour(order_time)	count(order_id)
▶	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



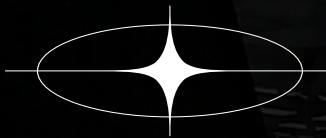


JOIN RELEVANT TABLES TO FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS.

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

	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(orders_details.quantity) AS quantity
    FROM
        orders
    JOIN orders_details ON orders.order_id = orders_details.order_id
    GROUP BY orders.order_date) AS order_quantity;
```

	ROUND(AVG(quantity), 0)
▶	138





DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE

```
use pizzahut;
select pizza_types.name,
sum(orders_details.quantity * pizzas.price) as revenue
from
pizza_types join pizzas
on pizza_types.pizza_type_id = pizzas.pizza_type_id
join orders_details
on pizzas.pizza_id = orders_details.pizza_id
group by pizza_types.name order by revenue desc limit 3;
```

	name	revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5



**THANK YOU FOR
WATCHING**

