



SHODWE
Pizza Resto



Home

About

Contact

PIZZA HUT

- DO YOU BELIEVE IN LOVE AT FIRST SLICE?





ABOUT US

HISTORY OF THE RESTAURANT

In June 1996, Pizza Hut made its foray into India with a restaurant in Bangalore and was the first international restaurant chain to pioneer this category.

PERSONAL PROFILE



My name is Mitali Gupta and I am a Data Analyst with expertise in SQL, specializing in solving complex queries related to Pizza Sales Analysis in MySQL. I analyze sales trends, customer preferences, and order patterns to generate valuable insights that drive business decisions. My skills include data cleaning, aggregation, and visualization to optimize sales performance and operational efficiency.



RETRIEVE TOTAL NUMBER OF ORDER PLACED ?

```
select count(order_id) as "total_order"  
from orders
```

	total_order
▶	21350

CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

```
select  
    round(sum(pizzas.price * order_details.quantity),2) as "total_revenue"  
from pizzas  
inner join order_details using(pizza_id)
```

	total_revenue
▶	817860.05

IDENTIFY THE HIGHEST-PRICED PIZZA

```
select pt.name,  
pz.price  
from pizzas pz  
join pizza_types pt using(pizza_type_id)  
order by 2 desc  
limit 1
```

	name	price
▶	The Greek Pizza	35.95

IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED

```
select pz.size,  
       count(od.quantity)  
  from pizzas pz  
inner join order_details od using(pizza_id)  
 group by 1  
order by 2 desc
```

size	count(od.quantity)
L	18526
M	15385
S	14137
XL	544
XXL	28

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

```
select pt.name,  
       sum(od.quantity) as "total_quantity"  
     from pizza_types pt  
   join pizzas pz using(pizza_type_id)  
   join order_details od using(pizza_id)  
 group by 1  
order by 2 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

FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED

```
select pt.category,  
sum(od.quantity)  
from pizza_types pt  
join pizzas pz using(pizza_type_id)  
join order_details od using(pizza_id)  
group by 1  
order by 2 desc
```

category	total_quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY

```
select hour(os.order_time) as "hours",
       count(order_id) as "total_order"
  from orders os
 group by 1
 order by 1
```

	hours	total_order
▶	9	1
	10	8
	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

FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS

```
select category,  
       count(name)  
  from pizza_types  
 group by 1
```

category	total_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) as "avg_quantity" from  
  (select orders.order_date,  
         sum(order_details.quantity) as "quantity"  from order_details  
    join orders using(order_id)  
   group by 1) as total_quantity
```

avg_quantity
138

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE

```
select pt.name,  
sum((pz.price * od.quantity)) as "revenue"  
from pizza_types pt  
join pizzas pz using(pizza_type_id)  
join order_details od using (pizza_id)  
group by 1  
order by 2 desc  
limit 3
```

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

CALCULATE THE PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE

```
with cte_revenue_by_type as
  (select pt.category,
    sum((pz.price * od.quantity)) as "revenue"
     from pizza_types pt
    join pizzas pz using(pizza_type_id)
    join order_details od using (pizza_id)
   group by 1
  order by 2 desc),
  cte_total_revenue as
  (select sum(revenue) as "total_revenue" from cte_revenue_by_type)

select category,
  round((revenue / total_revenue),4)*100 as "percentage"
  from cte_revenue_by_type
  join cte_total_revenue
```

category	percentage
Classic	26.91
Supreme	25.46
Chicken	23.96
Veggie	23.68

ANALYZE THE CUMULATIVE REVENUE GENERATED OVER TIME

```
select *,  
round(sum(revenue) over (order by order_date ),2) as "cum_revenue"  
from  
(select os.order_date,  
round(sum((pz.price * od.quantity)),2) as "revenue"  
from orders os  
join order_details od using(order_id)  
join pizzas pz using (pizza_id)  
group by 1  
order by 2 desc) as sales
```

order_date	revenue	cum_revenue
2015-01-01	2713.85	2713.85
2015-01-02	2731.9	5445.75
2015-01-03	2662.4	8108.15
2015-01-04	1755.45	9863.6
2015-01-05	2065.95	11929.55
2015-01-06	2428.95	14358.5
2015-01-07	2202.2	16560.7
2015-01-08	2838.35	19399.05
2015-01-09	2127.35	21526.4
2015-01-10	2463.95	23990.35
2015-01-11	1872.3	25862.65
2015-01-12	1919.05	27781.7
2015-01-13	2049.6	29831.3
2015-01-14	2527.4	32358.7
2015-01-15	1984.8	34343.5
2015-01-16	2594.15	36937.65
2015-01-17	2064.1	39001.75

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE FOR EACH PIZZA CATEGORY

```
with cte_revenue as
    (select pt.category,
    pt.name,
    sum((pz.price * od.quantity)) as "revenue"
    from pizza_types pt
    join pizzas pz using(pizza_type_id)
    join order_details od using (pizza_id)
    group by 1,2
    order by 3 desc),
    cte_row_number as
    (select *,
    row_number() over(partition by category order by revenue desc) as "row_numbers"
    from cte_revenue )
```

```
select * from cte_row_number
where row_numbers < 4
```

category	name	revenue	row_numbers
Chicken	The Thai Chicken Pizza	43434.25	1
Chicken	The Barbecue Chicken Pizza	42768	2
Chicken	The California Chicken Pizza	41409.5	3
Classic	The Classic Deluxe Pizza	38180.5	1
Classic	The Hawaiian Pizza	32273.25	2
Classic	The Pepperoni Pizza	30161.75	3
Supreme	The Spicy Italian Pizza	34831.25	1
Supreme	The Italian Supreme Pizza	33476.75	2
Supreme	The Sicilian Pizza	30940.5	3
Veggie	The Four Cheese Pizza	32265.70000000065	1
Veggie	The Mexicana Pizza	26780.75	2
Veggie	The Five Cheese Pizza	26066.5	3



SHODWE
Pizza Resto

[Home](#)

[About](#)

[Contact](#)

THANK YOU

FOR ATTENTION

- 2025 PIZZA RESTO PRESENTATION