



TONY'S PIZZA



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PIZZA RESTO



● WHERE EVERY SLICE TELLS A STORY



ABOUT PROJECT TABLES'S

01

[order_details_id ,
order_id ,
pizza_id , quantity]

02

[order_id ,
order_date ,
order_time]

03

[pizza_type_id]
name
category
[ingredients]

04

[pizza_id,
pizza_type_id,
size,
price]

ORDER_DETAILS

ORDERS

PIZZA_TYPES

PIZZAS



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

TOTAL ORDER PLACED

	total_orders
▶	10321

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

TOTAL REVENUE GENERATED

	total_revenue
▶	817860.05



HIGHEST-PRICED PIZZA

```
SELECT
```

```
    pt.name, p.price AS luxury_pizza
FROM
    pizzas AS p
        JOIN
    pizza_types AS pt
        ON p.pizza_type_id = pt.pizza_type_id
    ORDER BY luxury_pizza DESC
    LIMIT 1;
```

name	luxury_pizza
The Greek Pizza	35.95

MOST COMMON PIZZA SIZE ORDERED

```
SELECT
```

```
    p.size, COUNT(o.order_details_id) AS ordered_size
FROM
    order_details AS o
        JOIN
    pizzas AS p ON o.pizza_id = p.pizza_id
GROUP BY p.size
ORDER BY ordered_size DESC
LIMIT 1;
```

	size	ordered_size
▶	L	18526

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TOP 5 MOST ORDERED PIZZAS ALONG WITH THEIR QUANTITIES

SELECT

```
pt.name, SUM(o.quantity) AS order_quantity  
FROM  
pizza_types AS pt  
JOIN  
pizzas AS p ON pt.pizza_type_id = p.pizza_type_id  
JOIN  
order_details AS o ON o.pizza_id = p.pizza_id  
GROUP BY pt.name  
ORDER BY order_quantity DESC  
LIMIT 5;
```

name	order_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(o.quantity) AS total_quantity
FROM
    pizza_types AS pt
        JOIN
    pizzas AS p ON pt.pizza_type_id = p.pizza_type_id
        JOIN
    order_details AS o ON o.pizza_id = p.pizza_id
GROUP BY pt.category;
```

category	total_quantity
Classic	14888
Veggie	11649
Supreme	11987
Chicken	11050



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

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

DISTRIBUTION OF ORDERS BY HOUR OF THE DAY

order_count	hours
558	11
1241	12
1159	13
761	14
707	15
934	16
1183	17

CATEGORY-WISE DISTRIBUTION OF PIZZAS

category	no_of_pizzas
Chicken	6
Classic	8
Supreme	9
Veggie	9



TOP 3 MOST ORDERED PIZZAS BASED ON REVENUE

```
select pizza_types.name as pizza_names , round(sum(pizzas.price*order_details.quantity),2) as 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_names
order by revenue desc
limit 3;
```

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



GROUP THE ORDERS BY DATE AND CALCULATE THE AVG NUMBER OF PIZZAS ORDERED PER DAY

```
select round(avg(quantity)) as avg_pizza_ordered_per_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 quantity_ordered;
```

	avg_pizza_ordered_per_day
▶	138



CONTRIBUTION OF EACH PIZZA CATEGORY TO TOTAL REVENUE

```
• select pizza_types.category,  
  round(sum(pizzas.price*order_details.quantity) /  
  (select sum(pizzas.price*order_details.quantity) from order_details  
  join pizzas on pizzas.pizza_id = order_details.pizza_id) * 100,2) as total_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.category;
```

category	total_revenue_percentage
Classic	26.91
Veggie	23.68
Supreme	25.46
Chicken	23.96



CUMULATIVE REVENUE GENERATED OVER TIME

```
select order_date, round(sum(revenue) over(order by order_date),2) as cum_revenue from
(select orders.order_date , sum(pizzas.price*order_details.quantity) as revenue
from orders
join order_details
on orders.order_id = order_details.order_id
join pizzas
on pizzas.pizza_id = order_details.pizza_id
group by orders.order_date) as sales;
```

order_date	cum_revenue
2015-01-01	2713.85
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	23990.35
2015-01-11	25862.65
2015-01-12	27781.7
2015-01-13	29831.3
2015-01-14	32358.7
2015-01-15	34343.5



TOP 3 MOST ORDERED PIZZAS BASED ON REVENUE FOR EACH PIZZA CATEGORY

```
select name , category , total_revenue from
(select name , category , total_revenue,
rank() over(partition by category order by total_revenue desc) as rn from
(select pizza_types.name , pizza_types.category , round(sum(pizzas.price*order_details.quantity),2) as total_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 , pizza_types.category) as a) as b
where rn<=3;
```

name	category	total_revenue
The Thai Chicken Pizza	Chicken	43434.25
The Barbecue Chicken Pizza	Chicken	42768
The California Chicken Pizza	Chicken	41409.5
The Classic Deluxe Pizza	Classic	38180.5
The Hawaiian Pizza	Classic	32273.25
The Pepperoni Pizza	Classic	30161.75
The Spicy Italian Pizza	Supreme	34831.25
The Italian Supreme Pizza	Supreme	33476.75
The Sicilian Pizza	Supreme	30940.5
The Four Cheese Pizza	Veggie	32265.7
The Mexicana Pizza	Veggie	26780.75
The Five Cheese Pizza	Veggie	26066.5



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THANK YOU

FOR ATTENTION

- 2026 PIZZA RESTO PRESENTATION