



PIZZA RESTO

• WHERE EVERY SLICE TELLS A STORY



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ABOUT US

HISTORY OF THE RESTAURANT

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MEET OUR CHEF



HARPER RUSSO

Professional Chef



AVERY DAVIS

Professional Chef



JONATHAN

Professional Chef



KETUT SUSILO

Professional Chef



RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

```
select count(order_id) as total_orders from  
orders;
```





CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

Result Grid	
	total_sales
	11187.55

```
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
```



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
    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	277
	M	199
	S	173
	XL	6

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



Result Grid | Filter Rows:

	name	quantity
▶	The Barbecue Chicken Pizza	38
	The Italian Supreme Pizza	37
	The Thai Chicken Pizza	34
	The Pepperoni Pizza	34
	The California Chicken Pizza	31

```
SELECT
    pizza_types.name, 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.name order by quantity desc limit 5;
```

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

Result Grid

	category	quantity
▶	Classic	194
	Supreme	166
	Chicken	156
	Veggie	152



Determine the distribution of 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);
```

hour	order_count
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



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) 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 order_quantity;
```

	avg_pizza_ordered_per_day
▶	134



ANALYZE THE CUMULATIVE REVENUE GENERATED OVER TIME.

```
        select order_date,  
m(revenue) over(order by order_date)as cum_revenue  
        from  
        (select orders.order_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.order_date)as sales;
```

	order_date	cum_revenue
▶	2015-01-01	2713.850000000004
	2015-01-02	5445.75
	2015-01-03	8108.15
	2015-01-04	9863.6
	2015-01-05	11187.55000000001

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

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



Result Grid		Filter Rows:
	name	revenue
▶	The Barbecue Chicken Pizza	688.5
	The Thai Chicken Pizza	629.5
	The California Chicken Pizza	563.25
	The Classic Deluxe Pizza	472
	The Pepperoni Pizza	425
	The Greek Pizza	421.5
	The Italian Supreme Pizza	658.25
	The Spicy Italian Pizza	535
	The Sicilian Pizza	398.25
	The Five Cheese Pizza	481
	The Four Cheese Pizza	398.79...
	The Mexicana Pizza	395



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THANK YOU FOR ATTENTION

• 2025 PIZZA RESTO PRESENTATION