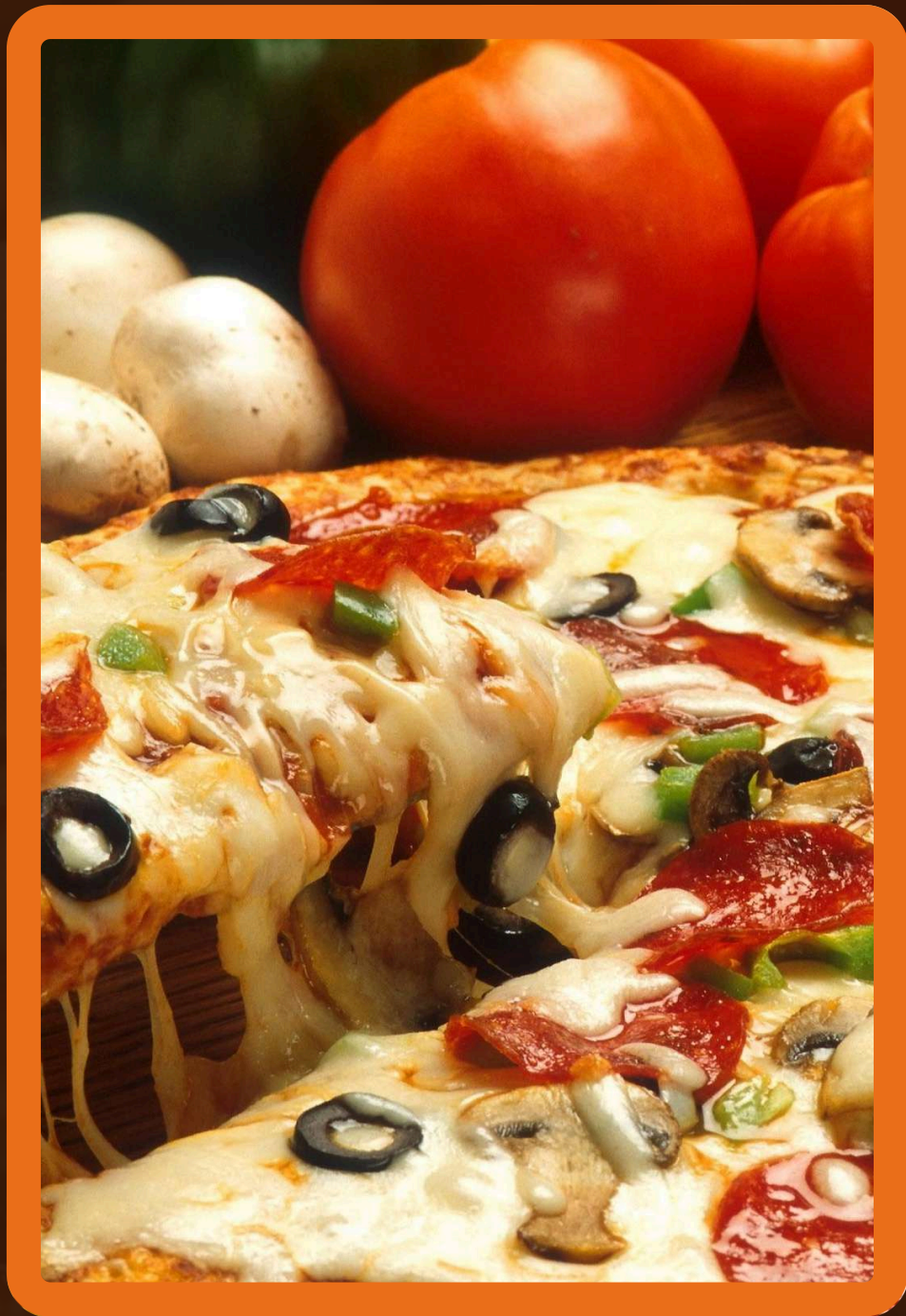


Where Every Slice is a Taste of Perfection

WELCOME TO PIZZA RESTO





ABOUT OUR PIZZA RESTO

Pizza sales analysis

Retrieve the total number of orders placed.



```
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 PIZZAS.PIZZA_ID = ORDERS_DETAILS.PIZZA_ID
```

	TOTAL_SALES
▶	45544.6

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

	size	order_count
▶	L	1019
	M	863
	S	795
	XL	34
	XXL	2

List the top 5 most ordered pizza types along with their quantities.

```
select pizza_types.name,  
sum(orders_details.quantity) as 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.name order by quantity desc limit 100;
```

	name	quantity
▶	The Hawaiian Pizza	149
	The Thai Chicken Pizza	141
	The California Chicken Pizza	128
	The Pepperoni Pizza	128
	The Classic Deluxe Pizza	121
	The Barbecue Chicken Pizza	119
	The Sicilian Pizza	117
	The Spicy Italian Pizza	113
	The Big Meat Pizza	111
	The Southwest Chicken Pizza	97

Join the necessary tables to find the total quantity of each pizza category ordered.

```
select pizza_types.category,  
sum(orders_details.quantity) as 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 order by quantity desc;
```

	category	quantity
▶	Classic	842
	Veggie	673
	Supreme	657
	Chicken	592

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

Determine the top 3 most ordered pizza types based on revenue.

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

	name	revenue
▶	The Thai Chicken Pizza	2509.75
	The California Chicken Pizza	2180
	The Barbecue Chicken Pizza	2101.25

Calculate the percentage contribution of each pizza type to total revenue.

```
select pizza_types.category,  
round(sum(orders_details.quantity * pizzas.price)/(SELECT  
ROUND(SUM(ORDERS_DETAILS.QUANTITY * PIZZAS.PRICE),2)  
AS TOTAL_SALES  
FROM ORDERS_DETAILS JOIN PIZZAS  
ON PIZZAS.PIZZA_ID = ORDERS_DETAILS.PIZZA_ID) * 100,2) as revenue  
from pizza_types join pizzas  
on pizzas.pizza_type_id= pizza_types.pizza_type_id  
join orders_details  
on orders_details.pizza_id = pizzas.pizza_id  
group by pizza_types.category order by revenue desc;
```

	category	revenue
▶	Classic	27.66
	Supreme	24.82
	Veggie	24.57
	Chicken	22.96

Determine the top 3 most ordered pizza types based on revenue for each pizza category.

```
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((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 orders_details.pizza_id= pizzas.pizza_id
group by pizza_types.category, pizza_types.name) as a) as b
where rn<=3;
```

	name	revenue
▶	The Thai Chicken Pizza	2509.75
	The California Chicken Pizza	2180
	The Barbecue Chicken Pizza	2101.25
	The Hawaiian Pizza	2008.75
	The Classic Deluxe Pizza	1897
	The Greek Pizza	1803.4
	The Spicy Italian Pizza	2044
	The Sicilian Pizza	1877.25
	The Italian Supreme Pizza	1494.5
	The Mexicana Pizza	1737.5
	The Four Cheese Pizza	1645.1...
	The Five Cheese Pizza	1609.5

**THANK YOU
FOR ATTENTION**

