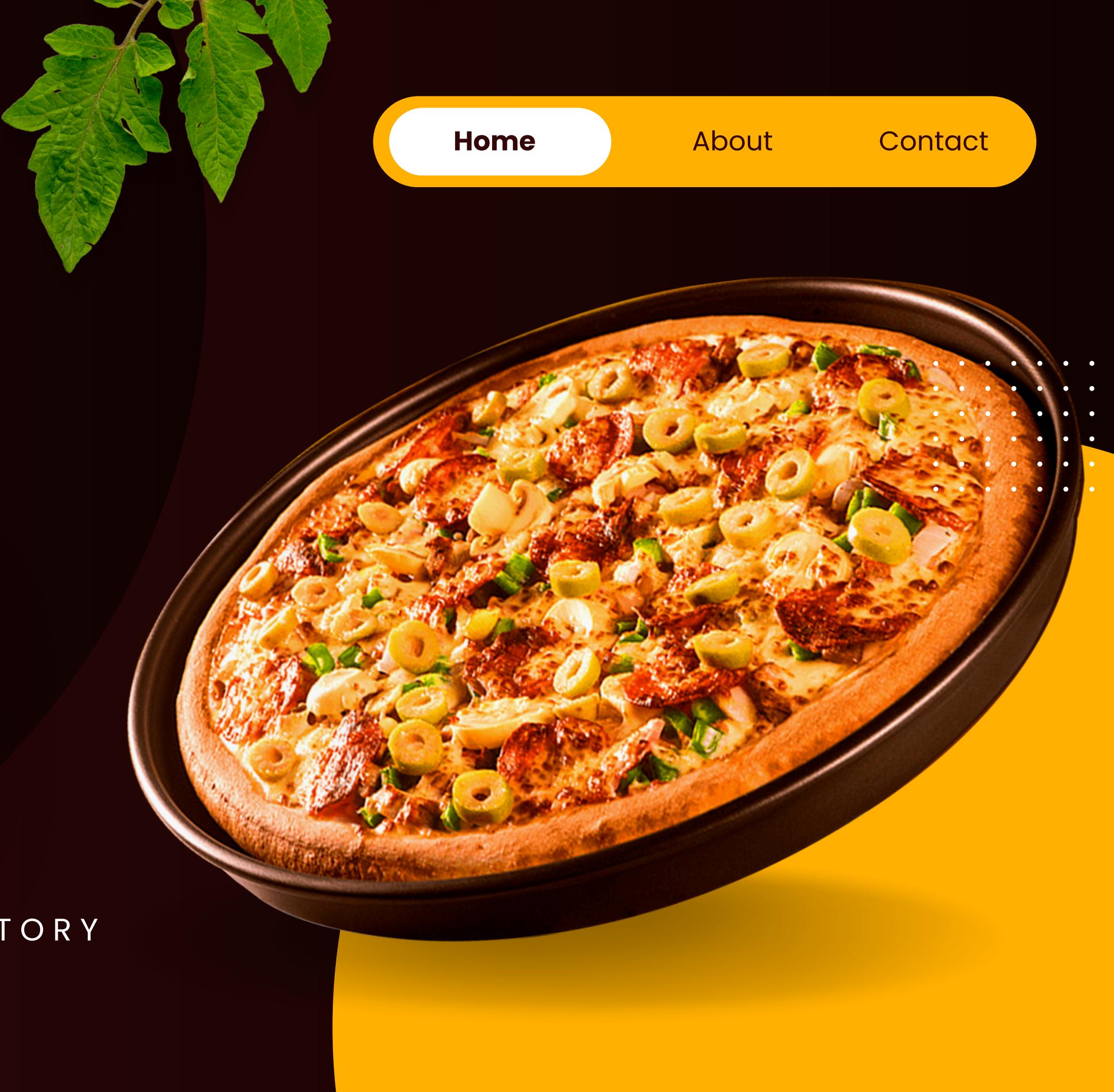




SHODWE
Pizza Resto

PIZZA RESTO

● WHERE EVERY SLICE TELLS A STORY



Home

About

Contact



ABOUT US

At Pizza Sales, we believe that great pizza brings people together. What started as a small idea to serve fresh, affordable, and delicious pizzas has grown into a passion for delivering happiness—one slice at a time.



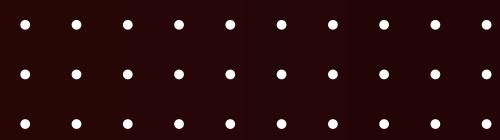
1. Retrieve the total number of orders placed.

[Home](#)[About](#)[Contact](#)

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

2. Calculate the total revenue generated from pizza sales.

```
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;
```



3. Identify the highest-priced pizza.

[Home](#)

[About](#)

[Contact](#)

```
select max(price) from pizzas;
```

4. 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;
```



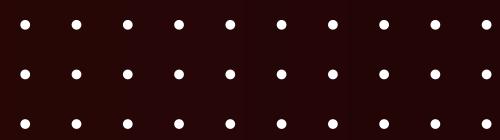
5. List the top 5 most ordered pizza types along with their quantities.

[Home](#)

About

Contact

```
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;
```



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

Contact

```
select pizza_types.category,  
sum(order_details.quantity) as total_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 total_quantity desc;
```



7.Determine the distribution of orders by hour of the day.

About

Contact

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

8.Join relevant tables to find the category-wise distribution of pizzas.

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



• • • • •

9. Group the orders by date and calculate the average number of pizzas ordered per day.

[Home](#)

[About](#)

[Contact](#)

```
select round(avg(quantity),0) 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;
```

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

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



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

[Home](#)

[About](#)

[Contact](#)

```
select pizza_types.category,  
round(sum(order_details.quantity*pizzas.price) / (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)*100,2) 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  
order by revenue desc;
```



12.Analyze the cumulative revenue generated over time.

About

Contact

```
select order_date,sum(revenue) over(order by order_date) as cumulative_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;
```



SIGNATURE PIZZA

OUR BEST-SELLERS

13.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((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 each_category) as rank_category
where rn<=3;
```



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[Home](#)

[About](#)

[Contact](#)

THANK YOU

FOR ATTENTION

- 2025 PIZZA RESTO PRESENTATION