



Delicious

PIZZA



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INTRODUCTION

Welcome to our sales report project! In this report, we will analyze and review our company's pizza sales performance over a specific period. By examining key metrics and trends, we aim to provide valuable insights that inform decision-making and drive business growth.



--Retrieve the total number of orders placed.--

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

	total_order
▶	21350

To calculate the total num of placed we use count().....

--calculate the total revenue generated from pizza sales.--

```
select
    round( sum(orders_details.quantity* pizzas.price),2) as total_revanue
from
    orders_details
join
    pizzas on pizzas.pizza_id=orders_details.pizza_id;
```

Result Grid	
	total_revanue
▶	817860.05

For calculate the total revenue of pizzas sales we use sum () and join the table orders_details with pizzas bases on 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

To analyze the highest priced pizza first we join the tables bases on pizza_type_id then we order the price data in desc order and use limit 1

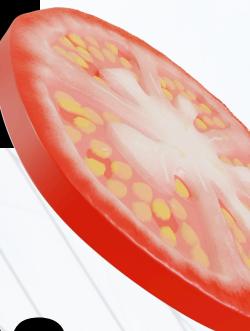
-- Identify the most common pizza size ordered.--

	size	order_count
▶	L	18526
	M	15385
	S	14137
	XL	544
	XXL	28



To identify the most common size pizza order first we count the pizza sales in different sizes then we order the data in desc order ...

```
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;
```



-- 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 5 ;
```

	name	quantity
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371

To listing the top 5 pizzas we calculated the sum of its quantity and join the table pizza_types with pizzas bases on pizza_type_id then order the data by quantity and limit describe 5

-- 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);
```

First we have order_time as hour from orders table then group the data by its time..

hour	order_count
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

To calculate the distribution of pizza we count the name of pizzas by category then group the data by their category...

-- 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;
```

To determine the top 3 most ordered pizza type first we calculate the revenue by multiplying price with quantity then we join the table pizza_type with pizzas bases on pizzas_type_id then for top 3 we order the data by using limit 3 .

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

THANK YOU!

Thank you for your attention to our sales report project. If you have any questions or would like to discuss the findings in more detail, please don't hesitate to reach out to our sales team. We appreciate your continued support and partnership.