



Pizza Sales report



Introduction

Pizza Sales Report using SQL queries in My SQL



Retrieve the total no of orders placed.

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

Result Grid	
	<code>total_orders</code>
▶	21350

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
```

Result Grid	
	total_sales
▶	817860.05

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 ;
```

Result Grid | Filter Row

	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 ;
```

Result Grid | Filter

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

list the top 5 ordered pizza types along with their quantities .

```
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 ;
```

Result Grid | Filter Rows:

	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

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 | Filter

	category	quantity
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050

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
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	78

category wise distribution of pizzas.

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

Result Grid | Filter Rows:

	category	count(name)
▶	Chicken	6
	Classic	8
	Supreme	9
	Veggie	9

Group the orders by date and calculate the average no of pizzas ordered per day

```
select round(avg(quantity),1) 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 ;
```

	Result Grid	Filter Rows
	round(avg(quantity),1)	
▶	138.5	

Determine the 3 most ordered pizza based on their quantity

```
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 ;
```

Result Grid | Filter Rows:

	name	revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5

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

```
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 category order by revenue desc ;
```

	category	revenue
→	Classic	26.91
	Supreme	25.46
	Chicken	23.96
	Veggie	23.68



Thank you!



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