

PIZZA SALES ANALYSIS





```
1 -- Retrieve the total number of orders placed.  
2  
3 • select count(order_id) as Total_Ordered_Pizza  
4 from order_details;
```

Total_Ordered_Pizza
15890



```
1 -- Calculate the total revenue generated from pizza sales.  
2  
3 • select round(sum(od.quantity * p.price),2) as Total_Price  
4   from order_details od  
5     join pizzas p  
6       on od.pizza_id = p.pizza_id;  
7
```

Result Grid

Total_Price
267173.25



```
1  -- Identify the highest-priced pizza.  
2  
3 • select pt.category as Pizza, max(p.price) as Most_Expensive_Pizza  
4   from pizza_types pt  
5     join pizzas p  
6       on p.pizza_type_id = pt.pizza_type_id  
7   group by Pizza  
8   limit 1;  
9
```

Result Grid | Filter Rows:

	Pizza	Most_Expensive_Pizza
▶	Chicken	20.75



```
1 -- Identify the most common pizza size ordered.  
2  
3 • select size as Most_Common_Size, count(*) as Quantity  
4   from pizzas  
5   group by size  
6   order by Quantity desc  
7   limit 1;
```

Result Grid | Filter

	Most_Common_Size	Qu
▶	S	32



```
1  -- List the top 5 most ordered pizza types along with their quantities.  
2  
3 • select pt.category as Pizza, count(pizza_id) as Total_Quantity  
4   from pizza_types pt  
5     join pizzas p  
6       on pt.pizza_type_id = p.pizza_type_id  
7   group by Pizza  
8   order by Total_Quantity desc  
9   limit 5;  
10  
11
```

	Pizza	Total_Quantity
▶	Veggie	21
	Classic	20
	Supreme	17
	Chicken	9
	cali_ckn_l	3



```
1    -- Join the necessary tables to find the total quantity of each pizza category ordered.  
2  
3 • select pt.category as Pizza, sum(od.quantity) as Total_Quantity  
4      from pizza_types pt  
5          join pizzas p  
6              on pt.pizza_type_id = p.pizza_type_id  
7          join order_details od  
8              on od.pizza_id = p.pizza_id  
9      group by Pizza;  
10
```

Pizza	Total_Quantity
Classic	3247
ital_veggie_m	767
Veggie	2845
Supreme	2852
Chicken	1915
hawaiian_l	611
cali_ckn_l	757
hawaiian_s	323



```
1 -- Determine the distribution of orders by hour of the day.  
2  
3  
4 • select hour(time) as 'Hour', count(order_id) as Total  
5     from orders  
6     group by Hour  
7     order by hour desc;
```

Hour	Total
23	1
22	33
21	58
20	91
19	130
18	138
17	151
16	109



```
1  -- Join relevant tables to find the category-wise distribution of pizzas.  
2  
3 • select od.pizza_id as Category_Of_Pizza, sum(od.quantity) as Total_Distribution  
4   from orders o  
5     join order_details od  
6       on o.order_id = od.order_id  
7   group by Category_Of_Pizza  
8   order by Total_Distribution desc;
```

Category_Of_Pizza	Total_Distribution
big_meat_s	75
five_cheese_l	70
thai_ckn_l	57
four_cheese_l	51
ital_supr_m	47
cali_ckn_m	46
pepperoni_m	45
bbq_ckn_l	45



```
1  -- Group the orders by date and calculate the average number of pizzas ordered per day.  
2  
3 • select o.date as Date, round(avg(o.order_id), 0) as Average_Pizza_Sold  
4   from orders o  
5     join order_details od  
6       on o.order_id = od.order_id  
7   group by Date  
8   order by Date;
```

Date	Average_Pizza_Sold
2015-01-01	27
2015-01-02	107
2015-01-03	172
2015-01-04	225
2015-01-05	282
2015-01-06	337
2015-01-07	399
2015-01-08	461
2015-01-09	534



```
1  -- Determine the top 3 most ordered pizza types based on revenue.  
2  
3 • select p.pizza_id as Pizza_Name, round(sum(p.price * od.quantity), 0) as Total_Revenue  
4   from order_details od  
5     join pizzas p  
6       on od.pizza_id = p.pizza_id  
7   group by Pizza_Name  
8   order by Total_Revenue desc  
9   limit 3;  
10
```

Pizza_Name	Total_Revenue
thai_ckn_l	9172
five_cheese_l	8788
four_cheese_l	7880

CONTACT US

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THANK YOU

