

HOT & SPICY PIZZA



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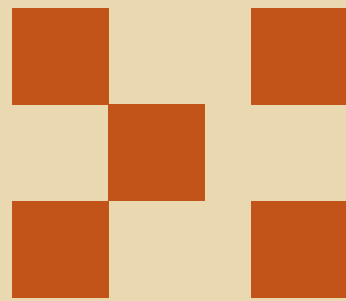
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Pizza Sales PROJECT

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Hello, I'm Pradyumnya Dhomne. This project showcases a detailed analysis of pizza sales, where I've utilized SQL queries to address various questions related to sales performance. The findings are presented through visualizations, making it easier to interpret and understand the sales data.



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**-QUESTION 1> RETRIEVE THE TOTAL
NUMBER OF ORDERS PLACE?**

```
- Select Count(order_id) as Total_orders  
From orders;
```

Results		Messages	
	Total_orders		
1	21350		

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**-QUESTION 2> CALCULATE THE TOTAL
REVENUE GENERATED FROM PIZZA SALES?**

```
Select Round(SUM(od.quantity*p.price),2) as Total_sales  
from order_details OD Inner Join pizzas p  
ON p.pizza_id = OD.pizza_id;
```

Results		Messages
	Total_sales	
1	817860.05	

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-QUESTIONS 3> IDENTIFY THE HIGHEST-PRICED PIZZA?

```
Select Top 1 PT.name , P.price  
From pizza_types PT Inner Join pizzas P  
ON PT.pizza_type_id=P.pizza_type_id  
Order By P.price Desc;
```

Results			Messages		
	name		price		
1	The Greek Pizza		35.95		

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**-QUESTION 4> IDENTIFY THE MOST
COMMON PIZZA SIZE ORDERED?**

```
Select P.size, COUNT(OD.Order_details_id) as Common_Pizza  
From pizzas P Inner Join order_details OD  
ON P.pizza_id=OD.pizza_id  
Group By P.size  
Order By Common_Pizza Desc;
```

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Results		Messages
	size	Common_Pizza
1	L	18526
2	M	15385
3	S	14137
4	XL	544
5	XXL	28

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**–QUESTION 5> LIST THE TOP 5 MOST ORDERED
PIZZA TYPES ALONG WITH THEIR QUANTITIES?**

```
Select Top 5 PT.name, sum(OD.quantity) as Quantity
From pizza_types PT Inner Join pizzas P
ON PT.pizza_type_id=P.pizza_type_id Inner Join order_details OD
ON OD.pizza_id=P.pizza_id
Group By PT.name
Order by Quantity Desc;
```

Results			Messages		
	name	Quantity			
1	The Classic Deluxe Pizza	2453			
2	The Barbecue Chicken Pizza	2432			
3	The Hawaiian Pizza	2422			
4	The Pepperoni Pizza	2418			
5	The Thai Chicken Pizza	2371			

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**-QUESTION 6> JOIN THE NECESSARY TABLES TO FIND THE
TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED?**

```
Select PT.category, SUM(od.quantity) as TotalQuantity
From pizza_types PT Inner join pizzas P
ON PT.pizza_type_id=P.pizza_type_id Inner join order_details OD
ON OD.pizza_id=P.pizza_id
Group BY PT.category
Order By TotalQuantity Desc;
```

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Results			Messages		
	category	TotalQuantity			
1	Classic	14888			
2	Supreme	11987			
3	Veggie	11649			
4	Chicken	11050			

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–QUESTION 7> JOIN RELEVANT TABLES TO FIND THE
CATEGORY-WISE DISTRIBUTION OF PIZZAS?

```
Select category, COUNT(name) as Categorywisepizzas  
From pizza_types  
Group By category;
```

Results			Messages		
	category	Categorywisepizzas			
1	Chicken	6			
2	Classic	8			
3	Supreme	9			
4	Veggie	9			

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**-QUESTION 8> GROUP THE ORDERS BY DATE AND CALCULATE
THE AVERAGE NUMBER OF PIZZAS ORDERED PER DAY?**

```
Select Round(AVG(Quantity_pizzas),0)as Average_ordered_pizzas From (  
Select O.date, SUM(OD.quantity) as Quantity_pizzas  
From orders O Inner Join order_details OD  
ON O.order_id=OD.order_id  
Group By O.date  
) as Ordered_Quantity;
```

Results		Messages	
Average_ordered_pizzas			
1	138		

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**-QUESTION 9> DETERMINE THE TOP 3 MOST ORDERED PIZZA
TYPES BASED ON REVENUE?**

```
Select Top 3 PT.name, Sum(OD.Quantity*P.Price) as Revenue
From order_details OD Inner Join pizzas P
ON OD.pizza_id=P.pizza_id Inner Join pizza_types PT
ON PT.pizza_type_id=P.pizza_type_id
Group By PT.name
Order By Revenue Desc;
```

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Results				Messages			
		name	Revenue				
1		The Thai Chicken Pizza	43434.25				
2		The Barbecue Chicken Pizza	42768				
3		The California Chicken Pizza	41409.5				

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**-QUESTION 10> ANALYZE THE CUMULATIVE REVENUE GENERATED
OVER TIME?**

```
Select time , Sum(Revenue) over(Order by time) as Cum_revenue
From
(Select O.time, Sum(OD.Quantity*P.Price) as Revenue
From order_details OD Inner join pizzas P
ON OD.pizza_id=P.pizza_id Inner join orders O
ON O.order_id=OD.order_id
Group by O.time) as Sales;
```

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Results			Messages		
	name	Revenue			
1	The Thai Chicken Pizza	43434.25			
2	The Barbecue Chicken Pizza	42768			
3	The California Chicken Pizza	41409.5			

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**Thank you for exploring
the Pizza Sales SQL
Project; your interest
and feedback are
greatly appreciated! :)**

