

Where Every Slice is a Taste of Perfection

WELCOME TO MS SQL PROJECT PIZZA STORE

Start Your Slide

ORDER
NOW





ABOUT THIS PROJECT

Our Passion for Pizza

In this project basic query, intermediate Query and advance query utilized.

Hi

Short Info About my self



My name is Akash singh and this project Solved the Ms Sql Query. that was releted to pizza sale



FILES NAMES



```
select * from order_details;  
select * from orders;  
select * from pizza_types;  
select * from pizzas;
```





Calculate total revenue generated from pizza store

```
select cast(sum(o1.quantity * p1.price) as decimal(20, 2)) as  
total_revenue from order_details o1  
join pizzas p1  
on o1.pizza_id = p1.pizza_id;
```

	total_revenue
1	817860.05



Identify the most common pizza Size Ordered

```
select p1.size, COUNT(p1.size) from order_details od1
join
pizzas p1
on od1.pizza_id = p1.pizza_id
group by size
```

	size	(No column name)
1	L	18526
2	M	15385
3	S	14137
4	XL	544
5	XXL	28



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

```
select category, sum(od1.quantity) as tot_quan from  
pizza_types pt1  
join  
pizzas p1  
on p1.pizza_type_id = pt1.pizza_type_id  
join  
order_details od1  
on od1.pizza_id = p1.pizza_id  
group by pt1.category  
order by tot_quan desc;
```

	category	tot_quan
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050



Determine the Distribution of orders by hour of the day.

```
select Datepart(hour, time) as per_hour,  
count(order_id) as order_count from orders  
group by Datepart(hour, time);
```

	per_hour	order_count
1	23	28
2	15	1468
3	9	1
4	12	2520
5	21	1198
6	18	2399
7	10	8
8	19	2009
9	13	2455
10	22	663
11	16	1920
12	17	2336
13	11	1231
14	20	1642
15	14	1472



Join relevant tables to find the category_wise distribution of pizzas.

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

	category	(No column name)
1	Chicken	6
2	Classic	8
3	Supreme	9
4	Veggie	9



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

```
select AVG(per_day_ord) from  
(select o1.date, sum(od1.quantity) as  
per_day_ord from order_details od1  
join  
orders o1  
on od1.order_id = o1.order_id  
group by o1.date) as order_quantity;
```

	(No column name)
1	138



Determin the top 3 most ordered pizza type based in revenue.

```
select top 3 pt1.[name], sum(od1.quantity *  
p1.price)as revenue from pizza_types pt1  
join  
pizzas p1  
on pt1.pizza_type_id = p1.pizza_type_id  
join  
order_details od1  
on p1.pizza_id = od1.pizza_id  
group by pt1.name  
order by revenue desc;
```

	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 pt1.category,  
cast((sum(od1.quantity*p1.price)/  
(  
select sum(p1.price*od1.quantity) from pizzas  
p1  
join  
order_details od1  
on od1.pizza_id = p1.pizza_id  
) )*100 as decimal(10,2))  
as revenue from pizza_types pt1  
join  
pizzas p1  
on pt1.pizza_type_id = p1.pizza_type_id  
join order_details od1  
on od1.pizza_id = p1.pizza_id  
group by pt1.category  
order by revenue desc;
```

	category	revenue
1	Classic	26.91
2	Supreme	25.46
3	Chicken	23.96
4	Veggie	23.68



Analyze the cumulative generated Over time.

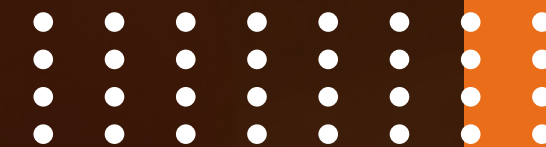
```
select [date],  
sum(revenue) over(order by [date]) as  
cum_revenue  
from  
(select o1.[date],cast(sum(od1.quantity *  
p1.price) as decimal(10, 2)) as revenue from  
order_details od1  
join pizzas p1  
on od1.pizza_id = p1.pizza_id  
join orders o1  
on o1.order_id = od1.order_id  
group by o1.[date]) as sales
```

31	2015-01-31	69793.30
32	2015-02-01	72982.50
33	2015-02-02	75311.10
34	2015-02-03	77925.90
35	2015-02-04	80159.80
36	2015-02-05	82375.60
37	2015-02-06	84885.55
38	2015-02-07	87123.20
39	2015-02-08	89158.20
40	2015-02-09	91353.55
41	2015-02-10	93410.05



Determine the top 3 most ordered pizza types based on revenue for each pizza category.

```
select name, revenue
from
(select category, [name], revenue,
DENSE_RANK() over(partition by category order
by revenue desc ) as [rank]
from
(select pt1.category, pt1.name,
sum(od1.quantity* p1.price) as revenue from
order_details od1
join pizzas p1
on od1.pizza_id = p1.pizza_id
join pizza_types pt1
on pt1.pizza_type_id = p1.pizza_type_id
group by pt1.category, pt1.name) as
rev_by_name) as rev_by_name2
where [rank] >=3
```

OUR SIGNATURE PIZZAS



\$20

Margherita Pizza



\$30

Veggie Delight

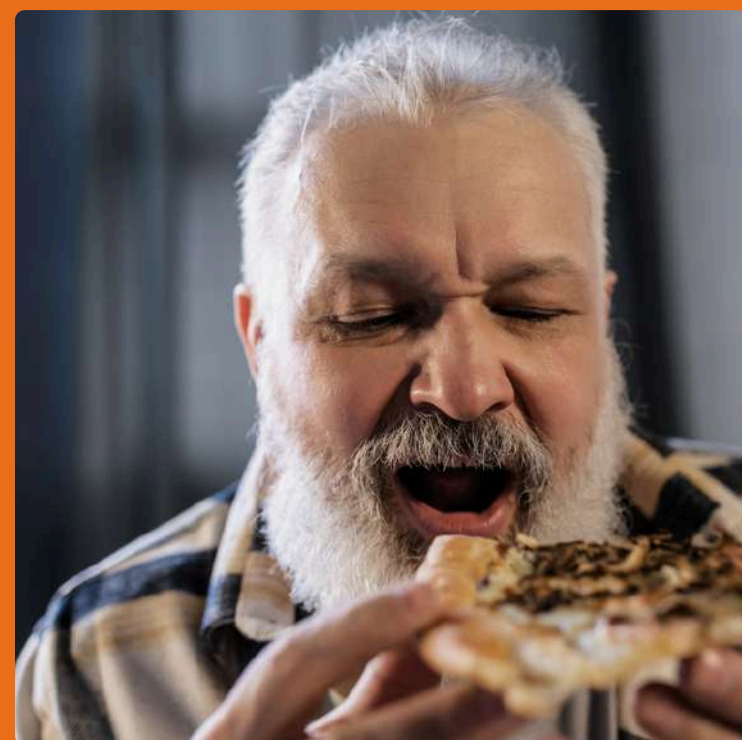


\$25

Pepperoni Pizza



CUSTOMER REVIEW



Avery Davis

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed at ipsum vitae lacus lobortis lacinia. Donec tristique arcu massa, at pharetra tortor feugiat non.



Olivia Wilson

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed at ipsum vitae lacus lobortis lacinia. Donec tristique arcu massa, at pharetra tortor feugiat non.





DINE-IN, TAKEOUT, & DELIVERY

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed at ipsum vitae lacus lobortis lacinia. Donec tristique arcu massa, at pharetra tortor feugiat non.



Our Address :

123 Anywhere St., Any City, ST 12345



Our Phone :

+123-456-7890 / 123-456-7890



Pizza Resto Presentation

THANK YOU
FOR ATTENTION

See You Next

www.reallygreatsite.com