

Pizza Sale SQL Queries

A) KPI's:

1. Total Revenue:

SELECT SUM(total_price) AS Total_Revenue from pizza_sales

Results		Messages	
Total_Revenue			
1	817860.05083847		

2. Average Order Value:

SELECT SUM(total_price) / COUNT(DISTINCT order_id) as
Average_Order_Value from pizza_sales

Results		Messages	
Average_Order_Value			
1	38.3072623343546		

3. Total Pizzas Sold:

Select SUM(quantity) as Total_Pizzas_Sold from pizza_sales

Results		Messages	
Total_Pizzas_Sold			
1	49574		

4. Total Orders:

Select count(distinct order_id) as Total_Orders from pizza_sales

Results		Messages	
Total_Orders			
1	21350		

5. Average Pizzas Per Order:

```
select cast(cast(sum(quantity) as decimal(10,2)) / cast(count(distinct order_id) as decimal(10,2)) as decimal(10,2)) as Avg_Pizzas_Per_Order from pizza_sales
```

Results Messages	
	Avg_Pizzas_Per_Order
1	2.32

B) Charts Requirement:

1) Daily Trend For Total Orders:

```
select DATENAME(DW, order_date) as order_day, count(distinct order_id)
as total_orders from pizza_sales
group by datename(DW, order_date)
```

Results Messages		
	order_day	total_orders
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

2) Hourly Trend for Total Orders:

```
select datepart(hour, order_time) as order_hours, count(distinct order_id) as
total_orders from pizza_sales
group by datepart(hour, order_time)
order by datepart(hour, order_time)
```

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

3) Percent of Sales by Pizza Category:

```
select pizza_category, cast(sum(total_price) as decimal(10,2)) as Total_Sales,
cast(sum(total_price) * 100 /
(select sum(total_price) from pizza_sales) as decimal(10,2)) as PCT
from pizza_sales
group by pizza_category
```

pizza_category	Total_Sales	PCT
Classic	220053.10	26.91
Chicken	195919.50	23.96
Veggie	193690.45	23.68
Supreme	208197.00	25.46

4) Percent of Sales by Pizza Size:

```
select pizza_size, cast(sum(total_price) as decimal(10,2)) as Total_Sales,
cast(sum(total_price) * 100 /
(select sum(total_price) from pizza_sales) as decimal(10,2)) as PCT
from pizza_sales
group by pizza_size
```

	pizza_size	Total_Sales	PCT
1	L	375318.70	45.89
2	XXL	1006.60	0.12
3	M	249382.25	30.49
4	XL	14076.00	1.72
5	S	178076.50	21.77

5) Total Pizzas Sold by Pizza Category:

```
select pizza_category, sum(quantity) as Total_Pizza_Sold
from pizza_sales
group by pizza_category
```

pizza_category	Total_Pizza_Sold
Classic	14888
Chicken	11050
Veggie	11649
Supreme	11987

6) Top 5 Best Sellers by Total Pizzas Sold:

```
select top 5 pizza_name, sum(quantity) as Total_Pizza_Sold
from pizza_sales
group by pizza_name
order by sum(quantity) desc
```

	pizza_name	Total_Pizza_Sold
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

7) Bottom 5 Best Sellers by Total Pizzas Sold

```
select top 5 pizza_name, sum(quantity) as Total_Pizza_Sold
from pizza_sales
group by pizza_name
order by sum(quantity) asc
```

100%

<div><div><div></div></div>Results<div><div></div>Messages</div></div>		
	pizza_name	Total_Pizza_Sold
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppresata Pizza	961