Pizza Sales SQL Queries

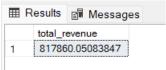
1. Data

select * from pizza_sales;



2. Total Revenue

select sum(total_price) as total_revenue from pizza_sales;



3. Total Pizzas Sold

```
select sum(quantity) as total_pizzas_sold from pizza_sales;

Results Messages

total_pizzas_sold
1 49574
```

4. Average Order Value

5. Total Orders

select count(distinct order_id) as total_orders from pizza_sales;

```
total_orders
1 21350
```

6. 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;
avg_pizzas_per_order
1 2.32
```

Chart Requirements:

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);
```

	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. Monthly Trend for Total Orders

select datename(Month, order_date) as month_name, count(distinct order_id) as
total_orders from pizza_sales group by datename(Month, order_date) order by
total orders desc;

	month_name	total_orders
1	July	1935
2	May	1853
3	January	1845
4	August	1841
5	March	1840
6	April	1799
7	November	1792
8	June	1773
9	February	1685
10	December	1680
11	September	1661
12	October	1646

3. Percentage of Sales by Pizza Category

select pizza_category, cast(sum(total_price) as decimal(10,3)) as total_sales,
cast(sum(total_price)*100 / (select sum(total_price) from pizza_sales where
month(order_date) = 1) as decimal(10,3)) as perc_total_sales from pizza_sales
where month(order_date) = 1 group by pizza_category;

	pizza_category	total_sales	perc_total_sales
1	Classic	18619.400	26.678
2	Chicken	16188.750	23.195
3	Veggie	17055.400	24.437
4	Supreme	17929.750	25.690

4. Percentage of Sales by Pizza Size

select pizza_size, cast(sum(total_price) as decimal(10,3)) as total_sales,
cast(sum(total_price)*100 / (select sum(total_price) from pizza_sales where
datepart(quarter, order_date) = 1) as decimal(10,3)) as perc_total_sales from
pizza_sales where datepart(quarter, order_date) = 1 group by pizza_size order
by perc_total_sales desc;

	pizza_size	total_sales	perc_total_sales
1	L	95229.650	46.374
2	M	61159.000	29.783
3	S	45384.250	22.101
4	XL	3289.500	1.602
5	XXL	287.600	0.140

5. Top 5 Pizzas by Revenue

select top 5 pizza_name, sum(total_price) as total_revenue from pizza_sales
group by pizza_name order by total_revenue desc;

	pizza_name	total_revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

6. Bottom 5 Pizzas by Revenue

select top 5 pizza_name, sum(total_price) as total_revenue from pizza_sales
group by pizza_name order by total_revenue asc;

	pizza_name	total_revenue
1	The Brie Carre Pizza	11588.4998130798
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.5
5	The Spinach Pesto Pizza	15596

7. Top 5 Pizzas by Quantity

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



8. Bottom 5 Pizzas by Quantity

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

■ Results				
	pizza_	pizza_name		
1	The B	rie Carre Pizza	490	
2	The M	lediterranean Pizza	934	
3	The C	alabrese Pizza	937	
4	The S	pinach Supreme Pizza	950	
5	The Soppressata Pizza		961	

9. Top 5 Pizzas by Orders

select top 5 pizza_name, count(distinct order_id) as total_orders from
pizza_sales group by pizza_name order by total_orders desc;

	pizza_name	total_orders
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225

10. Bottom 5 Pizzas by Orders

select top 5 pizza_name, count(distinct order_id) as total_orders from
pizza_sales group by pizza_name order by total_orders asc;

	pizza_name	total_orders
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938