

Pizza Sales Analysis

--Total Revenue

```
SELECT FORMAT (SUM(total_price), 'N2') as Total_Revenue from pizza_sales;
```

Results		Messages
	Total_Revenue	
1	817,860.05	

-- Average Order Value

```
SELECT ROUND (SUM(total_price) / COUNT(DISTINCT CAST(order_id AS VARCHAR)), 2) AS  
Average_order_value  
FROM pizza_sales;
```

Results		Messages
	Average_order_value	
1	38.31	

--Total Pizza sold

```
SELECT FORMAT (SUM(quantity), 'N0') AS Total_quantity_Sold from pizza_sales;
```

Results		Messages
	Total_quantity_Sold	
1	49,574	

--Total Orders

```
SELECT FORMAT(COUNT(DISTINCT order_id), 'N0') AS Total_Orders FROM pizza_sales;
```

Results		Messages
	Total_Orders	
1	21,350	

--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 Average_pizza_per_order FROM pizza_sales;
```

Results		Messages
	Average_pizza_per_order	
1	2.32	

--Daily Trend for Total Orders

```
SELECT DATENAME(DW, order_date) AS Days, FORMAT (COUNT(DISTINCT order_id), 'N0') AS  
Total_Orders  
FROM pizza_sales GROUP BY DATENAME(DW, order_date);
```

Results Messages		
	Days	Total_Orders
1	Saturday	3,158
2	Wednesday	3,024
3	Monday	2,794
4	Sunday	2,624
5	Friday	3,538
6	Thursday	3,239
7	Tuesday	2,973

--Hourly Trend for Total Orders

```
SELECT DATEPART(HOUR, order_time) AS Hours, FORMAT (COUNT(DISTINCT order_id), 'N0') AS
Total_Orders
FROM pizza_sales GROUP BY DATEPART(HOUR, order_time) ORDER BY COUNT(DISTINCT order_id)
DESC;
```

Results Messages		
	Hours	Total_Orders
1	12	2,520
2	13	2,455
3	18	2,399
4	17	2,336
5	19	2,009
6	16	1,920
7	20	1,642
8	14	1,472
9	15	1,468
10	11	1,231
11	21	1,198
12	22	663
13	23	28
14	10	8
15	9	1

--Percentage of sales by Pizza Category

```
SELECT pizza_category AS Pizza_Category, FORMAT (SUM(total_price), 'N2') as
Total_Revenue,
ROUND (SUM (total_price) * 100 / (SELECT SUM (total_price) FROM pizza_sales),2) AS
Percentages
FROM pizza_sales GROUP BY Pizza_Category ORDER BY SUM(total_price) DESC;
```

Results Messages			
	Pizza_Category	Total_Revenue	Percentages
1	Classic	220,053.10	26.91
2	Supreme	208,197.00	25.46
3	Chicken	195,919.50	23.96
4	Veggie	193,690.45	23.68

--Percentage of sales by Pizza Size

```
SELECT pizza_size AS Pizza_Size, CONCAT('$', FORMAT(SUM(total_price), 'N2')) as  
Total_Revenue,  
CONCAT(ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales),2),  
'%') AS Percentages  
FROM pizza_sales GROUP BY Pizza_Size ORDER BY SUM(total_price) DESC;
```

	Pizza_Size	Total_Revenue	Percentages
1	L	\$375,318.70	45.89%
2	M	\$249,382.25	30.49%
3	S	\$178,076.50	21.77%
4	XL	\$14,076.00	1.72%
5	XXL	\$1,006.60	0.12%

--Total Pizzas Sold by Pizza Category

```
SELECT pizza_category AS Pizza_Category, FORMAT(SUM(quantity), 'N0') AS  
Total_quantity_Sold  
FROM pizza_sales GROUP BY pizza_category ORDER BY SUM(quantity) DESC;
```

	Pizza_Category	Total_quantity_Sold
1	Classic	14,888
2	Supreme	11,987
3	Veggie	11,649
4	Chicken	11,050

--Top 5 best sellers by Total Pizzas Sold

```
SELECT Top 5 pizza_name AS Pizza_name, FORMAT(SUM(quantity), 'N0') AS  
Total_quantity_Sold  
FROM pizza_sales GROUP BY pizza_name ORDER BY SUM(quantity) DESC;
```

	Pizza_name	Total_quantity_Sold
1	The Classic Deluxe Pizza	2,453
2	The Barbecue Chicken Pizza	2,432
3	The Hawaiian Pizza	2,422
4	The Pepperoni Pizza	2,418
5	The Thai Chicken Pizza	2,371

--Bottom 5 best sellers by Total Pizzas Sold

```
SELECT Top 5 pizza_name AS Pizza_name, FORMAT(SUM(quantity), 'N0') AS  
Total_quantity_Sold  
FROM pizza_sales GROUP BY pizza_name ORDER BY SUM(quantity);
```

Results		Messages
	Pizza_name	Total_quantity_Sold
1	The Brie Carré Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppressata Pizza	961

--Pizza name by Total Pizzas Sold

```
SELECT pizza_name AS Pizza_name, FORMAT (SUM(quantity), 'N0') AS Total_quantity_Sold
FROM pizza_sales GROUP BY pizza_name ORDER BY SUM(quantity) DESC;
```

```
SELECT * FROM pizza_sales;
```