

# PIZZA SALES SQL QUERY

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## Total Revenue

```
SELECT SUM(total_price) AS Total_Revenue
FROM pizza_sales
```

Results		Messages
Total_Revenue		
1	817860.05083847	

## 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	

## Total Pizza Sales

```
SELECT SUM(quantity) AS Total_Pizza_sold
FROM pizza_sales
```

Results		Messages
Total_Pizza_sold		
1	49574	

## Total Orders Placed

```
SELECT COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
```

Results		Messages
Total_Orders		
1	21350	

## Average Pizzas sold (up to 2 decimal places)

```
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_Sales  
from pizza_sales
```

Results		Messages	
Average_Pizza_Sales			
1	2.32		

## Hourly trend for Total Pizza Sold

```
SELECT DATEPART(HOUR, order_time) AS Order_Hour,  
SUM(quantity) AS Total_Pizzas_Sold  
FROM pizza_sales  
GROUP BY DATEPART(HOUR, order_time)  
ORDER BY DATEPART(HOUR, order_time)
```

Results		Messages	
Order_Hour		Total_Pizzas_Sold	
1	9	4	
2	10	18	
3	11	2728	
4	12	6776	
5	13	6413	
6	14	3613	
7	15	3216	
8	16	4239	
9	17	5211	
10	18	5417	
11	19	4406	
12	20	3534	
13	21	2545	
14	22	1386	
15	23	68	

## Weekly Trend for Order

```
SELECT DATEPART(ISO_WEEK, order_date) AS Week_Number,
YEAR(order_date) AS Order_Year,
COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
GROUP BY DATEPART(ISO_WEEK, order_date), YEAR(order_date)
ORDER BY DATEPART(ISO_WEEK, order_date), YEAR(order_date)
```

Results

Messages

	Week_Number	Order_Year	Total_Orders
1	1	2015	254
2	2	2015	427
3	3	2015	400
4	4	2015	415
5	5	2015	436
6	6	2015	422
7	7	2015	423
8	8	2015	393
9	9	2015	409
10	10	2015	420
11	11	2015	404
12	12	2015	416
13	13	2015	427
14	14	2015	433
15	15	2015	408
16	16	2015	414
17	17	2015	437
18	18	2015	423
19	19	2015	399
20	20	2015	458
21	21	2015	414
22	22	2015	390
23	23	2015	423
24	24	2015	418
25	25	2015	410
26	26	2015	416

Results

Messages

	Week_Number	Order_Year	Total_Orders
24	24	2015	418
25	25	2015	410
26	26	2015	416
27	27	2015	474
28	28	2015	417
29	29	2015	420
30	30	2015	433
31	31	2015	419
32	32	2015	426
33	33	2015	435
34	34	2015	407
35	35	2015	394
36	36	2015	397
37	37	2015	435
38	38	2015	423
39	39	2015	288
40	40	2015	433
41	41	2015	334
42	42	2015	386
43	43	2015	352
44	44	2015	371
45	45	2015	394
46	46	2015	400
47	47	2015	392
48	48	2015	491
49	49	2015	424
50	50	2015	417
51	51	2015	430
52	52	2015	298
53	53	2015	171

## Percentage of Sales by Pizza Category (Total)

```
SELECT pizza_category, SUM(total_price) AS Total_Sales,  
SUM(total_price) * 100 /  
(SELECT SUM(total_price) FROM pizza_sales) AS Percentage_Total_Sales  
FROM pizza_sales  
GROUP BY pizza_category
```

	pizza_category	Total_Sales	Percentage_Total_Sales
1	Chicken	16188.75	1.97940344236196
2	Supreme	17929.7499866486	2.19227604628285
3	Classic	18619.4000015259	2.27659976574687
4	Veggie	17055.4000778198	2.0853690139694

## Percentage of Sales by Pizza Category (by Month)

```
SELECT pizza_category, SUM(total_price) AS Total_Sales,  
SUM(total_price) * 100 /  
(SELECT SUM(total_price) FROM pizza_sales WHERE MONTH(order_date) = 3)  
AS Percentage_Total_Sales  
FROM pizza_sales  
WHERE MONTH(order_date) = 3  
GROUP BY pizza_category
```

\*\*\* MONTH(order\_date) = 3, refers to March

Results Messages			
	pizza_category	Total_Sales	Percentage_Total_Sales
1	Chicken	17625.5	25.0372529284305
2	Supreme	17319.6499824524	24.6027889842868
3	Classic	18116.6000022888	25.7348668951524
4	Veggie	17335.3500900269	24.6250911921303

## Percentage of Sales by Pizza Category (by Quarter)

```
SELECT pizza_category, SUM(total_price) AS Total_Sales,  
SUM(total_price) * 100 /  
(SELECT SUM(total_price) FROM pizza_sales WHERE DATEPART(QUARTER,  
order_date) = 2) AS Percentage_Total_Sales  
FROM pizza_sales  
WHERE DATEPART(QUARTER, order_date) = 2  
GROUP BY pizza_category
```

\*\*\* DEPART(QUARTER, order\_date) = 2 refers to second quarter

	pizza_category	Total_Sales	Percentage_Total_Sales
1	Chicken	49311.75	23.6655032457663
2	Supreme	54056.4499549866	25.9425611920959
3	Classic	56275.8000068665	27.0076630361038
4	Veggie	48725.75025177	23.384272526034

## Percentage of sales by pizza size (Yealy)

```
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
Percentage_Total_Sales
FROM pizza_sales
GROUP BY pizza_size
ORDER BY Percentage_Total_Sales DESC
```

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

## Percentage of Sales by Pizza size(Monthly)

```
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 WHERE MONTH(order_date) = 3)
AS DECIMAL(10,2)) AS Percentage_Total_Sales
FROM pizza_sales
WHERE MONTH(order_date) = 3
GROUP BY pizza_size
ORDER BY Percentage_Total_Sales DESC
```

\*\*\* MONTH(order\_date) = 3, refers to March

	pizza_size	Total_Sales	Percentage_Total_Sales
1	L	32752.35	46.53
2	M	20952.50	29.76
3	S	15538.90	22.07
4	XL	1045.50	1.49
5	XXL	107.85	0.15

## Percentage of sales by pizza size (quarterly)

```
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 WHERE DATEPART(quarter, order_date) =  
2)  
AS DECIMAL(10,2)) AS Percentage_Total_Sales  
FROM pizza_sales  
WHERE DATEPART(quarter, order_date) = 2  
GROUP BY pizza_size  
ORDER BY Percentage_Total_Sales DESC
```

\*\*\* DEPART(QUARTER, order\_date) = 2 refers to second quarter

	pizza_size	Total_Sales	Percentage_Total_Sales
1	L	95087.00	45.63
2	M	64846.25	31.12
3	S	43828.95	21.03
4	XL	4284.00	2.06
5	XXL	323.55	0.16

## Top 5 Pizza sellers 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

## Bottom 5 sellers 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
```

Results Messages		
	pizza_name	Total_Revenue
1	The Brie Carré 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

## Top 5 pizza sales by Quantity

```
SELECT top 5 pizza_name, SUM(quantity) AS Total_Quantity
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Quantity DESC
```

Results Messages		
	pizza_name	Total_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

## bottom 5 pizzas by quantity

```
SELECT top 5 pizza_name, SUM(quantity) AS Total_Quantity
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Quantity ASC
```

Results Messages		
	pizza_name	Total_Quantity
1	The Brie Carré Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppresata Pizza	961

## Top 5 best sellers by total orders

```
SELECT top 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Order
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Order DESC
```



Results Messages		
	pizza_name	Total_Order
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

bottom 5 sellers by total orders

```
SELECT top 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Order
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Order ASC
```

Results Messages		
	pizza_name	Total_Order
1	The Brie Carré Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938