# **Pizza Sales SQL Queries**

#### 1. Total Revenue:

SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales;

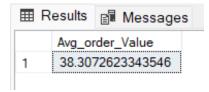
Results Messages

Total\_Revenue

1 817860.05083847

#### 2. Average Order Value

SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Avg\_order\_Value FROM pizza\_sales



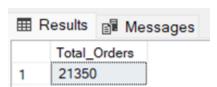
#### 3. Total Pizzas Sold

SELECT SUM(quantity) AS Total\_pizza\_sold FROM pizza\_sales



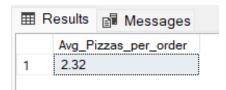
#### 4. Total Orders

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales



#### 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
```



# **Hourly Trend for Total Pizzas Sold**

```
SELECT DATEPART(HOUR, order_time) as order_hours, SUM(quantity) as total_pizzas_sold from pizza_sales group by DATEPART(HOUR, order_time) order by DATEPART(HOUR, order_time)
```

#### **Output**

	_		
	order_hours	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 Orders

```
SELECT
    DATEPART(ISO_WEEK, order_date) AS WeekNumber,
    YEAR(order_date) AS Year,
    COUNT(DISTINCT order_id) AS Total_orders
FROM
    pizza_sales
GROUP BY
    DATEPART(ISO_WEEK, order_date),
    YEAR(order_date)
ORDER BY
    Year, WeekNumber;
```

	WeekNumber	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
27	27	2015	474

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

## % of Sales by Pizza Category

```
SELECT pizza_category, CAST(SUM(total_price) AS DECIMAL(10,2)) as
total_revenue,
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
```

#### **Output**

	Results 🗐 Mes	sages	
	pizza_category	total_revenue	PCT
1	Classic	220053.10	26.91
2	Chicken	195919.50	23.96
3	Veggie	193690.45	23.68
4	Supreme	208197.00	25.46

## % of Sales by Pizza Size

```
SELECT pizza_size, CAST(SUM(total_price) AS DECIMAL(10,2)) as total_revenue,
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
ORDER BY pizza_size
```

#### Output

■	Results [	Messages	
	pizza_siz	ze total_revenue	PCT
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

### **Total Pizzas Sold by Pizza Category**

```
SELECT pizza_category, SUM(quantity) as Total_Quantity_Sold
FROM pizza_sales
WHERE MONTH(order_date) = 2
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC
```

#### **Output**

<b>■</b>	Results 🗐 Mes	sages
	pizza_category	Total_Quantity_Sold
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

## **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
```

⊞ F	Results 🖺 Messages	
	pizza_name	Total_Revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizz	za 42768
3	The California Chicken Pizz	za 41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

## **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

## **Top 5 Pizzas by Quantity**

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

#### <u>Output</u>

	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

## **Bottom 5 Pizzas by Quantity**

```
SELECT TOP 5 pizza_name, SUM(quantity) AS Total_Pizza_Sold
```

FROM pizza\_sales
GROUP BY pizza\_name
ORDER BY Total\_Pizza\_Sold ASC

#### <u>Output</u>

■R	esults 🗐 Messages	
	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 Soppressata Pizza	961

# **Top 5 Pizzas by Total 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
```

<b>III</b>	Results 🗐 Messages	
	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

## **Bottom 5 Pizzas by Total 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

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples

```
SELECT Top 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
WHERE pizza_category = 'Classic'
GROUP BY pizza_name
ORDER BY Total_Orders ASC
```