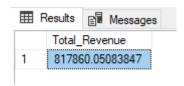
# PIZZA SALES SQL QUERY

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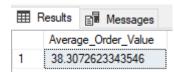
#### Total Revenue

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



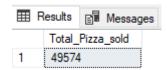
## Average Order Value

 $\begin{tabular}{ll} {\sf SELECT} & {\sf SUM}(total\_price) \ / \ & {\sf COUNT}(DISTINCT \ order\_id) \ AS \ Average\_Order\_Value \\ {\sf FROM} & {\sf pizza\_sales} \end{tabular}$ 



### Total Pizza Sales

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



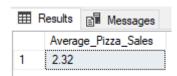
#### Total Orders Placed

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



## 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
```



#### 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)
```

Ⅲ F	Results 🗐 M	essages
	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)
```

<b>III</b>	Results	B Mess	ages			Results	B Mess		
	Week	Number	Order_Year	Total_Orders			_Number	Order_Year	Total_Orders
	vveek.	_ivumber			24	24		2015	418
1	<u> </u>		2015	254	25	25		2015	410
2	2		2015	427	26	26		2015	416
3	3		2015	400	27	27		2015	474
4	4		2015	415	28	28		2015	417
5	5		2015	436	29	29		2015	420
6	6		2015	422	30	30		2015	433
7	7		2015	423	31	31		2015	419
8	8		2015	393	32	32		2015	426
9	9		2015	409	33	33		2015	435
10	10		2015	420	34	34		2015	407
					35	35		2015	394
11	11		2015	404	36	36 37		2015 2015	397 435
12	12		2015	416	38	38		2015	433
13	13		2015	427	39	39		2015	288
14	14		2015	433	40	40		2015	433
15	15		2015	408	41	41		2015	334
16	16		2015	414	42	42		2015	386
17	17		2015	437	43	43		2015	352
18	18		2015	423	44	44		2015	371
19	19		2015	399	45	45		2015	394
20	20		2015	458	46	46		2015	400
21	21		2015	414	47	47		2015	392
22	22		2015	390	48	48		2015	491
23	23		2015	423	49	49		2015	424
					50	50		2015	417
24	24		2015	418	51	51		2015	430
25	25		2015	410	52	52		2015	298
26	26		2015	416	53	53		2015	171

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

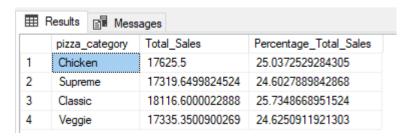
```
SELECT pizza_category, SUM(total_price) AS Total_Sales,
SUM(total_price) * 100 /
(SELECT SUM(total_price) FROM pizza_sales) AS Percentage_Total_Sales
FROM pizza_sales
GROUP BY pizza_category
```

	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
```

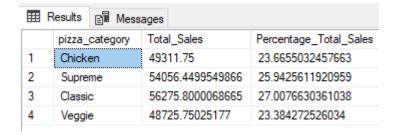
#### \*\*\* MONTH(order\_date) = 3, referes to March



#### 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



## 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
```

Results				
	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, referes to March

Results			
	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

Results			
	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
```

⊞ Results				
	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
```



## 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
```



#### 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
```



## 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
```



#### 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
```

