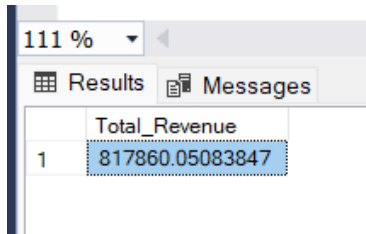


# PIZZA SALES SQL QUERIES

## A.KPI's

### 1.Total Revenue:

```
select SUM(total_price) AS Total_Revenue from pizza_sales
```

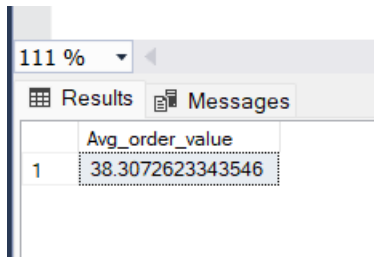


A screenshot of a SQL query result window. At the top, there is a dropdown menu showing '111 %' and a left arrow. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab displays a table with one column, 'Total\_Revenue', and one row with the value '817860.05083847'.

	Total_Revenue
1	817860.05083847

### 2.Average order Value:

```
Select SUM(total_price)/ COUNT(DISTINCT order_id) AS Avg_order_value from pizza_sales
```

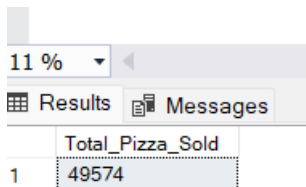


A screenshot of a SQL query result window. At the top, there is a dropdown menu showing '111 %' and a left arrow. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab displays a table with one column, 'Avg\_order\_value', and one row with the value '38.3072623343546'.

	Avg_order_value
1	38.3072623343546

### 3.Total Pizza Sold:

```
select SUM(quantity) AS Total_Pizza_Sold FROM pizza_sales
```

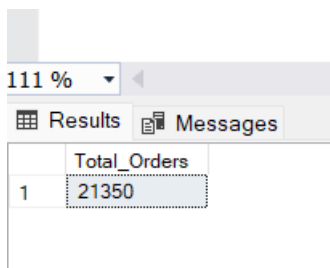


A screenshot of a SQL query result window. At the top, there is a dropdown menu showing '11 %' and a left arrow. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab displays a table with one column, 'Total\_Pizza\_Sold', and one row with the value '49574'.

	Total_Pizza_Sold
1	49574

### 4.Total Orders

```
select COUNT (DISTINCT order_id) AS Total_Orders from pizza_sales
```

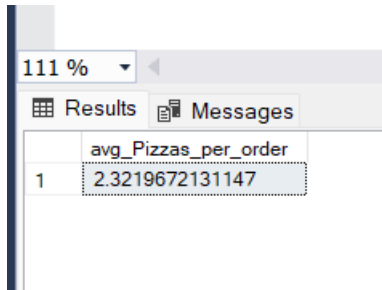


A screenshot of a SQL query result window. At the top, there is a dropdown menu showing '111 %' and a left arrow. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab displays a table with one column, 'Total\_Orders', and one row with the value '21350'.

	Total_Orders
1	21350

## 5.Average Pizza Per Order

```
select CAST (SUM(quantity) AS DECIMAL(10,2))/  
CAST(COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS avg_Pizzas_per_order from  
pizza_sales
```



A screenshot of a SQL Server query window showing the results of the query. The window has a toolbar with a zoom dropdown set to 111%, and tabs for 'Results' and 'Messages'. The 'Results' tab is active, displaying a single row with two columns: 'avg\_Pizzas\_per\_order' and its value '2.3219672131147'.

	avg_Pizzas_per_order
1	2.3219672131147

## PROBLEM STATEMENT

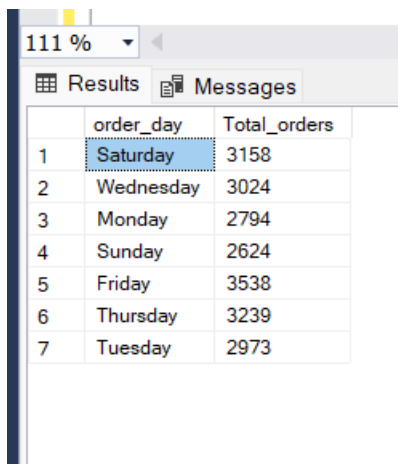
### CHART REQUIREMENTS

1.Daily trends 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)
```

#DATENAME is use to derive date of the WEEK

#DW- It Retrieves the Day of the WEEK as a character string like Sunday, Monday.....



A screenshot of a SQL Server query window showing the results of the query. The window has a toolbar with a zoom dropdown set to 111%, and tabs for 'Results' and 'Messages'. The 'Results' tab is active, displaying a table with two columns: 'order\_day' and 'Total\_orders'. The table contains seven rows, one for each day of the week, with Saturday having the highest total orders (3158) and Tuesday having the lowest (2973).

	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;
```

111 %

Results Messages

	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. Category wise pizza total sales and their sell %

```
SELECT pizza_category, sum(total_price) as Total_Sales ,sum(total_price)* 100/ (SELECT
sum(total_price) from pizza_sales WHERE MONTH(order_date)=1) AS
Percentage_of_Total_Sales
from pizza_sales
WHERE MONTH(order_date)=1
GROUP BY pizza_category
```

#this code is showing month wise result= sales WHERE MONTH(order\_date)=1

111 %

Results Messages

	pizza_category	Total_Sales	Percentage_of_Total_Sales
1	Classic	18619.4000015259	26.6779189176038
2	Chicken	16188.75	23.1952780348435
3	Veggie	17055.4000778198	24.4370162489706
4	Supreme	17929.7499866486	25.6897867985821

### 4.Percentage of sales by Pizza Size:

```
SELECT pizza_size,SUM(total_price) as Total_Sales, sum(total_price)* 100/ (SELECT
sum(total_price) from pizza_sales WHERE MONTH(order_date)=1) AS PCT
from pizza_sales
WHERE MONTH(order_date)=1
GROUP BY pizza_size
ORDER BY PCT DESC
```

101 %

Results Messages

	pizza_size	Total_Sales	PCT
1	L	32399.4000778198	46.4219345512879
2	M	20943.5	30.0078947122382
3	S	15103.4999866486	21.6403293329978
4	XL	1275	1.82682291680491
5	XXL	71.9000015258789	0.103018486671203

5.Top 5 Best sellers by Revenue ,Total quantity and Total Orders:

# 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
```

101 %

Results Messages

	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

#BY QUANTITY

```
select top 5 pizza_name, sum(quantity) as total_quantity from pizza_sales
group by pizza_name
order by total_quantity DESC
```

101 %

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

#BY TOTAL\_ORDER

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

101 %

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

6. Bottom 5 Pizza Best sellers by Revenue ,Total quantity and Total Orders:

#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
```

101 %

Results Messages

	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

#BY QUANTITY

```
select top 5 pizza_name, sum(quantity) as total_quantity from pizza_sales
group by pizza_name
order by total_quantity ASC
```

101 %

Results Messages

	pizza_name	total_quantity
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

# BY TOTAL\_ORDER

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

101 %

Results Messages

	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