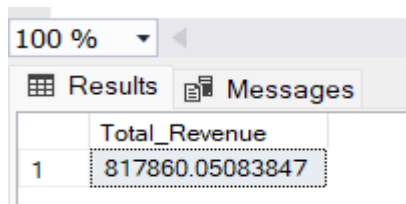


# PIZZA SALES SQL QUERIES

## KPI's (Key Performance Indicator)

### 1. Total Revenue

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

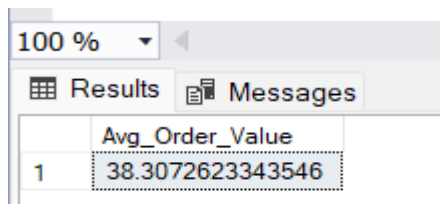


A screenshot of a SQL query result window. At the top, there is a zoom level dropdown set to '100 %' and a back arrow. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab shows a single row with the column 'Total\_Revenue' and the value '817860.05083847'.

	Total_Revenue
1	817860.05083847

### 2. Avg. Order Value

```
SELECT SUM(total_price)/COUNT(DISTINCT order_id) AS  
Avg_Order_Value FROM pizza_sales;
```

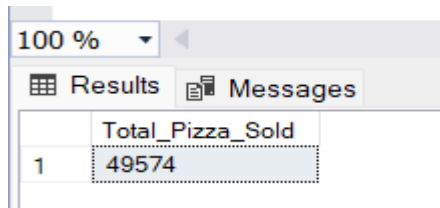


A screenshot of a SQL query result window. At the top, there is a zoom level dropdown set to '100 %' and a back arrow. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab shows a single row with the column 'Avg\_Order\_Value' and the value '38.3072623343546'.

	Avg_Order_Value
1	38.3072623343546

### 3. Total Pizza's Sold

```
SELECT SUM(quantity) AS Total_Pizza_Sold FROM pizza_sales;
```

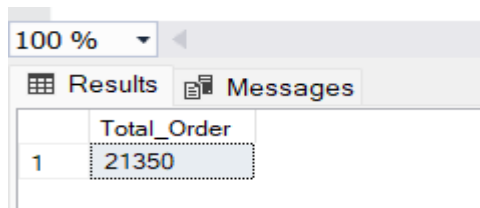


A screenshot of a SQL query result window. At the top, there is a zoom level dropdown set to '100 %' and a back arrow. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab shows a single row with the column 'Total\_Pizza\_Sold' and the value '49574'.

	Total_Pizza_Sold
1	49574

### 4. Total Orders

```
SELECT COUNT(DISTINCT order_id) AS Total_Order FROM pizza_sales;
```

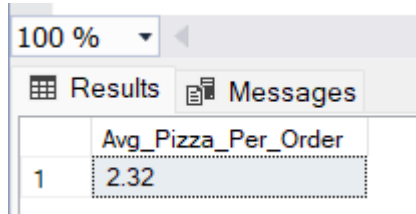


A screenshot of a SQL query result window. At the top, there is a zoom level dropdown set to '100 %' and a back arrow. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab shows a single row with the column 'Total\_Order' and the value '21350'.

	Total_Order
1	21350

### 5. Avg. Pizza's 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;
```



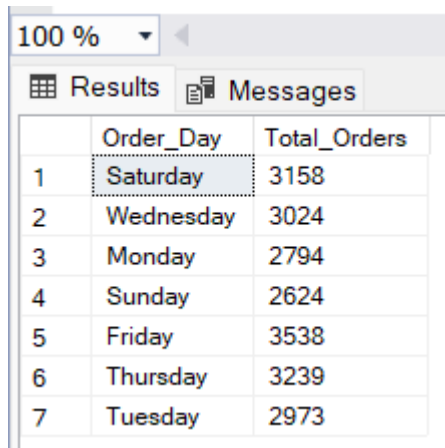
The screenshot shows a SQL Server query results window. At the top, there is a zoom level of 100% and two tabs: 'Results' and 'Messages'. The 'Results' tab is active, displaying a single row of data. The column is labeled 'Avg\_Pizza\_Per\_Order' and the value is 2.32.

	Avg_Pizza_Per_Order
1	2.32

## CHART REQUIREMENTS

### 1. Daily Trend 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);
```



The screenshot shows a SQL Server query results window. At the top, there is a zoom level of 100% and two tabs: 'Results' and 'Messages'. The 'Results' tab is active, displaying a table with two columns: 'Order\_Day' and 'Total\_Orders'. The data is as follows:

	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;
```

100 %		
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. Percentage Of Sales By Pizza Category

```
SELECT pizza_category, 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)= 1) AS DECIMAL (10,2))AS  
Percentage_category FROM pizza_sales  
WHERE MONTH (order_date)= 1  
GROUP BY pizza_category;
```

Results Messages			
	pizza_category	Total_Sales	Percentage_category
1	Classic	18619.40	26.68
2	Chicken	16188.75	23.20
3	Veggie	17055.40	24.44
4	Supreme	17929.75	25.69

#### 4. Percentage Of Sales By Pizza Size

```
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 )= 1) AS DECIMAL(10,2)) AS  
Percentage_size FROM pizza_sales  
WHERE DATEPART(QUARTER, order_date )= 1  
GROUP BY pizza_size  
ORDER BY Percentage_size DESC;
```

	pizza_size	Total_Sales	Percentage_size
1	L	95229.65	46.37
2	M	61159.00	29.78
3	S	45384.25	22.10
4	XL	3289.50	1.60
5	XXL	287.60	0.14

#### 5. Total Pizza 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;
```

	pizza_category	Total_Quantity_Sold
1	Classic	1178
2	Supreme	964
3	Veggie	944
4	Chicken	875

## 6. Top 5 Pizza 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 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

## 7. Bottom 5 Pizza 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 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

## 8. Top 5 Pizza's 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;
```

	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

## 9. Top 5 Pizza's 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;
```

	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

## 10. Top 5 Pizza's 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;
```

	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

## 11. Top 5 Pizza's 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

