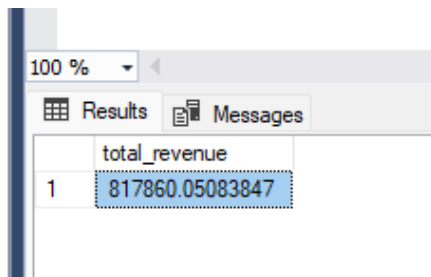


Pizza Sales SQL Queries

A. KPI's

➤ Total Revenues:

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

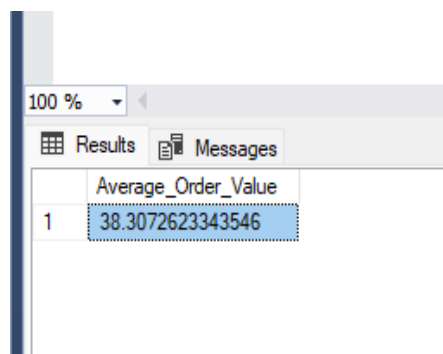


A screenshot of a SQL query results window. The window has a title bar with a zoom dropdown set to '100 %' and two tabs: 'Results' and 'Messages'. The 'Results' tab is active, showing a table with one column named 'total_revenue' and one row with the value '817860.05083847'.

	total_revenue
1	817860.05083847

➤ Average Order Value:

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




A screenshot of a SQL query results window. The window has a title bar with a zoom dropdown set to '100 %' and two tabs: 'Results' and 'Messages'. The 'Results' tab is active, showing a table with one column named 'Average_Order_Value' and one row with the value '38.3072623343546'.

	Average_Order_Value
1	38.3072623343546

➤ Total Pizza Sold:

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

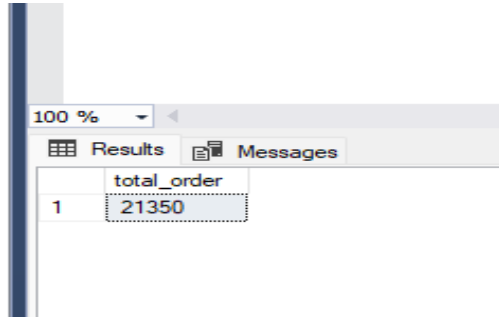


A screenshot of a SQL query results window. The window has a title bar with a zoom dropdown set to '100 %' and two tabs: 'Results' and 'Messages'. The 'Results' tab is active, showing a table with one column named 'total_pizza_sold' and one row with the value '49574'.

	total_pizza_sold
1	49574

➤ **Total Orders:**

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



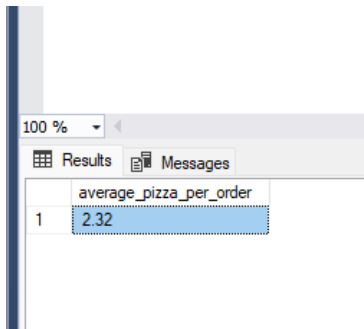
100 %

Results Messages

	total_order
1	21350

➤ **Average pizza 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
average_pizza_per_order FROM pizza_sales;
```



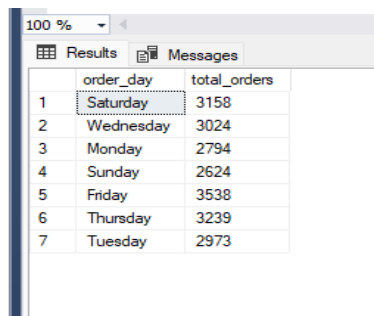
100 %

Results Messages

	average_pizza_per_order
1	2.32

➤ **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);
```



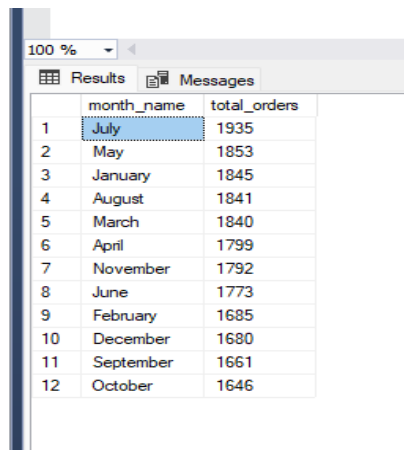
100 %

Results Messages

	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

➤ **Hourly Trends 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;
```

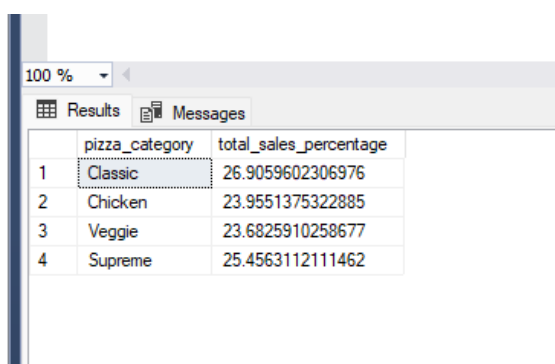


A screenshot of a SQL Server query results window. The window has a title bar with '100 %' and a toolbar with 'Results' and 'Messages' tabs. The 'Results' tab is active, showing a table with two columns: 'month_name' and 'total_orders'. The table contains 12 rows, numbered 1 to 12, representing the months of the year. The 'total_orders' column is sorted in descending order. The 'July' row is highlighted with a blue selection bar.

	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

➤ **Percentage of sales by pizza category:**

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



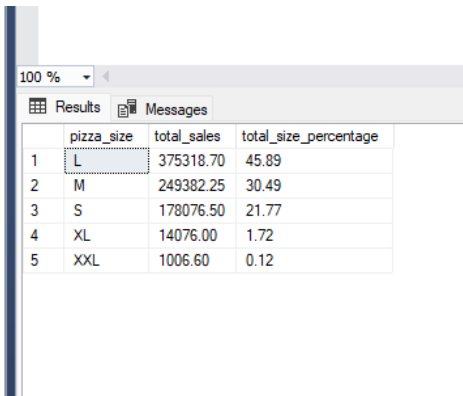
A screenshot of a SQL Server query results window. The window has a title bar with '100 %' and a toolbar with 'Results' and 'Messages' tabs. The 'Results' tab is active, showing a table with two columns: 'pizza_category' and 'total_sales_percentage'. The table contains 4 rows, numbered 1 to 4, representing different pizza categories. The 'total_sales_percentage' column shows the percentage of total sales for each category.

	pizza_category	total_sales_percentage
1	Classic	26.9059602306976
2	Chicken	23.9551375322885
3	Veggie	23.6825910258677
4	Supreme	25.4563112111462

➤ **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
```

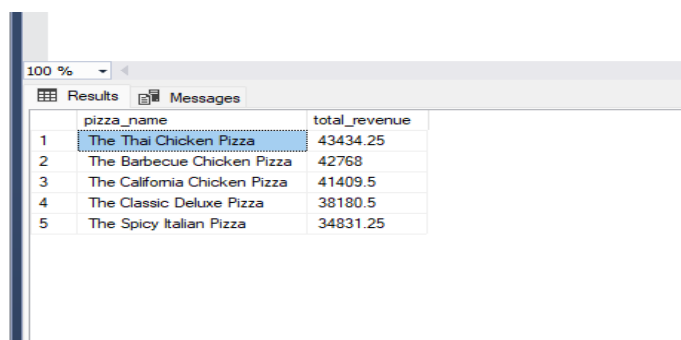
```
SUM(total_price) FROM pizza_sales) AS
DECIMAL(10,2)) AS total_size_percentage
FROM pizza_sales
GROUP BY pizza_size
ORDER BY total_size_percentage DESC;
```



	pizza_size	total_sales	total_size_percentage
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

- **Top 5 best sellers by revenue, total quality and total orders:**

```
SELECT TOP 5 pizza_name,
SUM(total_price) AS total_revenue FROM
pizza_sales
GROUP BY pizza_name
ORDER BY total_revenue DESC;
```

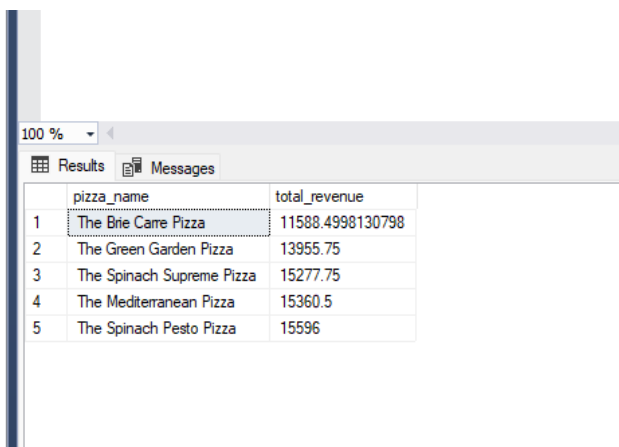


	pizza_name	total_revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

- **Bottom 5 best seller by revenue , total quantity and total orders:**

```
SELECT TOP 5 pizza_name , SUM(total_price) AS
total_revenue FROM pizza_sales
```

```
GROUP BY pizza_name
ORDER BY total_revenue ASC;
```



100 %

Results Messages

	pizza_name	total_revenue
1	The Brie Cane 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



