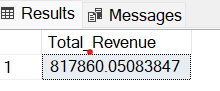
**PIZZA SALES SQL QUERIES**

* **KPI’S**

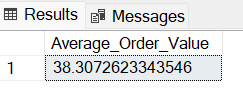
1. **TOTAL REVENUE :**

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

****

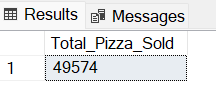
1. **AVERAGE ORDER VALUE :**

**SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) As Average\_Order\_Value from pizza\_sales;**

****

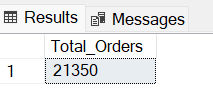
1. **TOTAL PIZZA SOLD :**

**SELECT SUM(quantity) As Total\_Pizza\_Sold from pizza\_sales;**

****

1. **TOTAL ORDERS :**

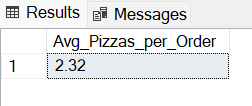
**SELECT COUNT(DISTINCT order\_id) AS Total\_Orders from pizza\_sales;**

****

1. **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;

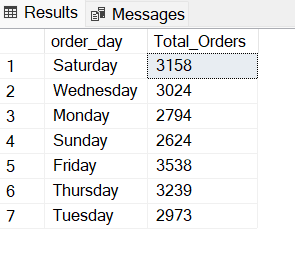
****

1. **PROBLEM STATEMENT**
2. **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);

****

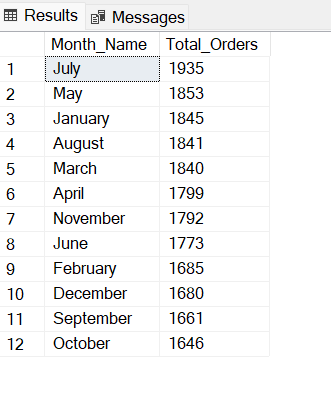
1. **MONTHLY TREND FOR TOTAL ORDERS :**

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;

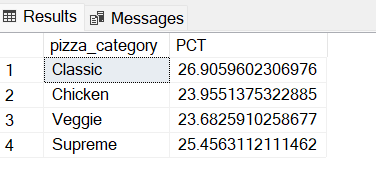
****

1. **PERCENTAGE OF SALES BY PIZZA CATEGORY :**

**SELECT pizza\_category, SUM(total\_price)\* 100 / (SELECT SUM(total\_price) from pizza\_sales) As PCT --percentage of total sales(PCT)**

**from pizza\_sales**

**GROUP BY pizza\_category;**

****

**NOTE :**

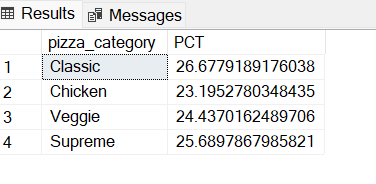
1. **Can also sort according to months (1-12) to get the PCT according to months :**

SELECT pizza\_category, SUM(total\_price)\* 100 / (SELECT SUM(total\_price) from pizza\_sales WHERE MONTH(order\_date) = 1 ) As PCT --percentage of total sales(PCT)

from pizza\_sales

WHERE MONTH(order\_date) = 1 --sorting according to month (1-12)

GROUP BY pizza\_category;

****

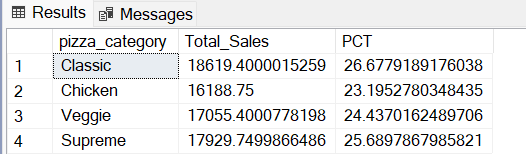
1. **Also can fetch the Total Sales(According to Month) :**

SELECT pizza\_category, SUM(total\_price) AS Total\_Sales, SUM(total\_price)\* 100 / (SELECT SUM(total\_price) from pizza\_sales WHERE MONTH(order\_date) = 1 ) As PCT --percentage of total sales(PCT)

from pizza\_sales

WHERE MONTH(order\_date) = 1 --sorting according to month (1-12)

GROUP BY pizza\_category;

****

1. **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 /

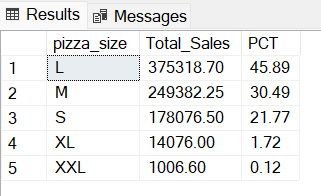
(SELECT SUM(total\_price) from pizza\_sales

) AS DECIMAL(10,2)) As PCT --percentage of total sales(PCT)

from pizza\_sales

GROUP BY pizza\_size

ORDER BY PCT DESC;

****

**NOTE :**

1. **Getting the output on QUARTER Basis(1-4) :**

**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**

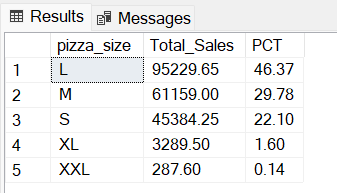
**) AS DECIMAL(10,2)) As PCT --percentage of total sales(PCT)**

**from pizza\_sales**

**WHERE DATEPART(QUARTER, order\_date) = 1**

**GROUP BY pizza\_size**

**ORDER BY PCT DESC;**

****

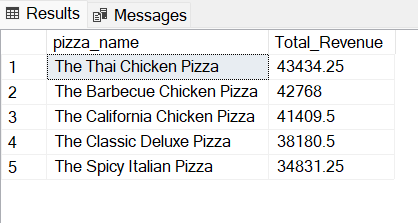
1. **TOP 5 BEST SELLERS BY REVENUE TOTAL QUANTITY AND TOTAL ORDERS:**

* **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;

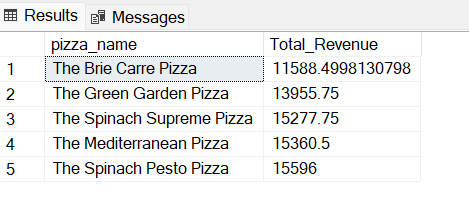
****

* **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

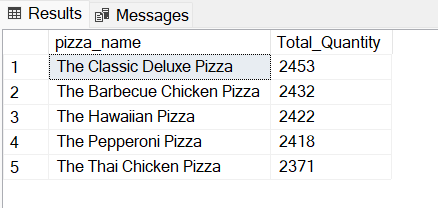
****

* **TOP 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 DESC;**

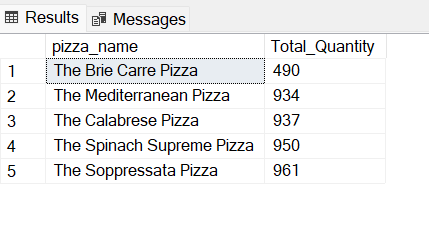
****

* **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;**

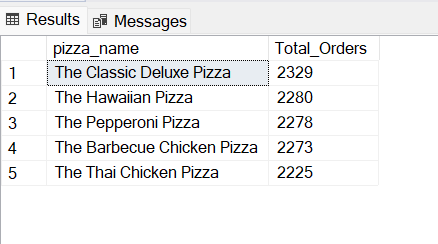
****

* **TOP 5 PIZZAS BY 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;**

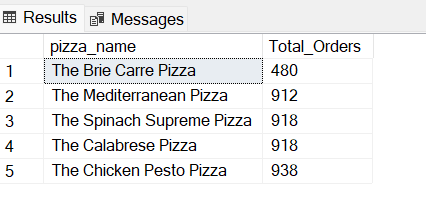
****

* **BOTTOM 5 PIZZAS BY 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;**

****