**Pizza Sales Project SQL Queries**

**Over-viewing the data**

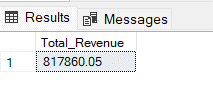
SELECT \* FROM pizza\_sales

**KPI’s Requirement:**

1. **Total Revenue**

SELECT CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Revenue FROM pizza\_sales

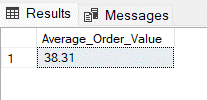
*OUTPUT:*



1. **Average Order Value**

SELECT CAST(SUM(total\_price) / COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS Average\_Order\_Value FROM pizza\_sales

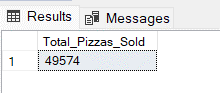
*OUTPUT:*



1. **Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_Pizzas\_Sold FROM pizza\_sales

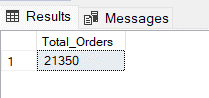
*OUTPUT:*



1. **Total Orders**

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

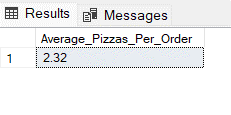
*OUTPUT:*



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 Average\_Pizzas\_Per\_Order FROM pizza\_sales

*OUTPUT:*

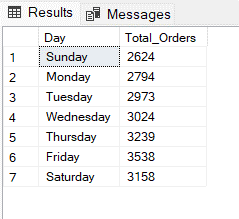


**Business Insights Report:**

1. **Daily Trend for Total Orders**

SELECT DATENAME(DW,order\_date) AS Day, COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales GROUP BY DATENAME(DW,order\_date), DATEPART(DW,order\_date) ORDER BY DATEPART(DW,order\_date)

*OUTPUT:*

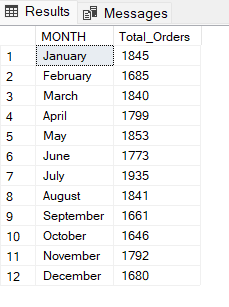


1. **Monthly Trend for Total Orders**

SELECT DATENAME(MONTH,order\_date) as MONTH, COUNT(DISTINCT order\_id) as Total\_Orders FROM pizza\_sales

GROUP BY DATENAME(MONTH,order\_date), DATEPART(MONTH,order\_date) ORDER BY DATEPART(MONTH,order\_date)

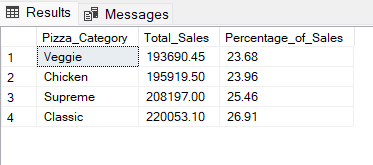
*OUTPUT:*



1. **Percentage of Sales by Pizza Category**

SELECT pizza\_category AS 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) AS DECIMAL(10,2)) AS Percentage\_of\_Sales FROM pizza\_sales GROUP BY pizza\_category ORDER BY Percentage\_of\_Sales

*OUTPUT:*

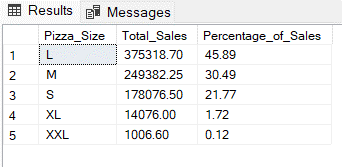


1. **Percentage of Sales by Pizza Size**

SELECT pizza\_size AS 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\_of\_Sales FROM pizza\_sales

GROUP BY pizza\_size ORDER BY Percentage\_of\_Sales DESC

*OUTPUT:*

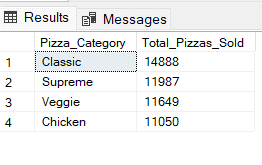


1. **Total Pizzas Sold by Pizza Category**

SELECT pizza\_category AS Pizza\_Category, SUM(quantity) as Total\_Pizzas\_Sold FROM pizza\_sales

GROUP BY pizza\_category ORDER BY Total\_Pizzas\_Sold DESC

*OUTPUT:*

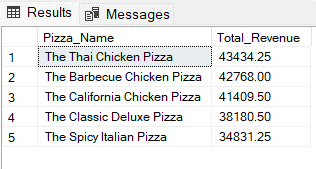


1. **Top 5 Pizzas by Total Revenue**

SELECT TOP 5 pizza\_name as Pizza\_Name, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Revenue

FROM pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Revenue DESC

*OUTPUT:*

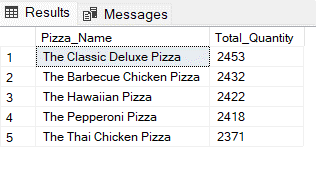


**Top 5 Pizzas by Total Quantity**

SELECT TOP 5 pizza\_name as Pizza\_Name, SUM(quantity) AS Total\_Quantity FROM pizza\_sales

GROUP BY pizza\_name ORDER BY Total\_Quantity DESC

*OUTPUT:*

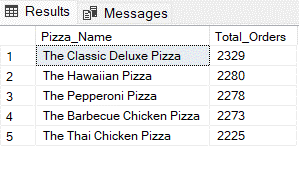


**Top 5 Pizzas by Total Orders**

SELECT TOP 5 pizza\_name as Pizza\_Name, COUNT(DISTINCT order\_id) as Total\_Orders FROM pizza\_sales

GROUP BY pizza\_name ORDER BY Total\_Orders DESC

*OUTPUT:*

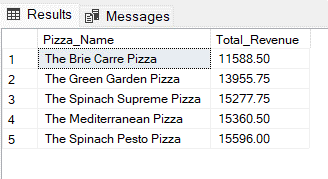


1. **Bottom 5 Pizzas by Total Revenue**

SELECT TOP 5 pizza\_name as Pizza\_Name, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Revenue

FROM pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Revenue

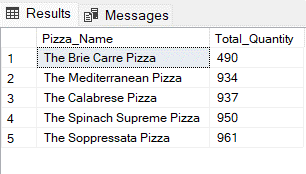
*OUTPUT:*



**Bottom 5 Pizzas by Total Quantity**

SELECT TOP 5 pizza\_name as Pizza\_Name, SUM(quantity) AS Total\_Quantity FROM pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Quantity

*OUTPUT:*



**Bottom 5 Pizzas by Total Orders**

SELECT TOP 5 pizza\_name as Pizza\_Name, COUNT(DISTINCT order\_id) as Total\_Orders FROM pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Orders

*OUTPUT:*

