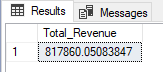
Pizza Sales SQL Queries

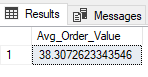
1. **KPI’s**
2. **Total Revenue:**

select SUM(total\_price) AS Total\_Revenue FROM dbo.pizza\_sales



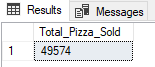
1. **Average Order Value:**

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) AS Avg\_Order\_Value FROM pizza\_sales



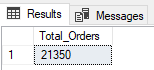
1. **Total Pizzas Sold:**

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



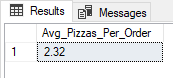
**4. Total Orders:**

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



**5. Average Pizzas Per Order:**

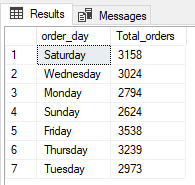
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) / CAST(COUNT(DISTINCT order\_id) AS DECIMAL (10,2)) AS DECIMAL (10,2)) AS Avg\_Pizzas\_Per\_Order FROM pizza\_sales



1. **Charts**
2. **Daily Trend for Total Orders:**

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS Total\_orders FROM pizza\_sales

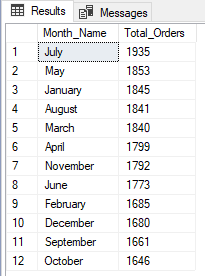
GROUP BY DATENAME(DW, order\_date)



1. **Monthly Trend of 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

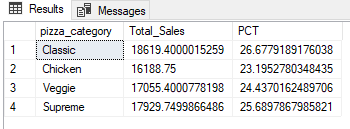


1. **Percentage of Sales by Pizza Category:**

SELECT pizza\_category, SUM(total\_price) 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\_category



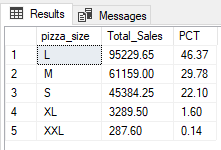
1. **Percentage of Sales by Pizza Size:**

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 WHERE DATEPART(QUARTER, order\_date)=1) AS DECIMAL(10,2)) AS PCT FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date)=1

GROUP BY pizza\_size

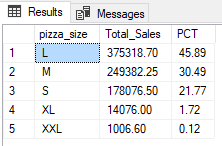
ORDER BY PCT DESC



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 FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY PCT DESC



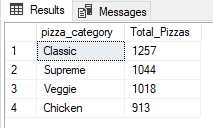
**5. Total Pizzas Sold by Pizza Category**

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

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category

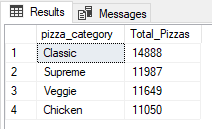
ORDER BY Total\_Pizzas DESC



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

GROUP BY pizza\_category

ORDER BY Total\_Pizzas DESC

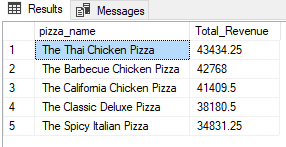


**6. Top 5 Best Sellers by Revenue, Total Quantity and Total Orders**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

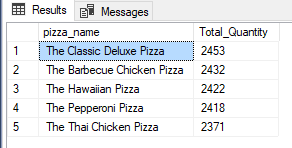


**With Respect to Quantity:**

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

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC

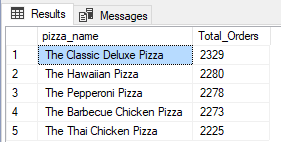


**With Respect to Total Orders:**

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

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

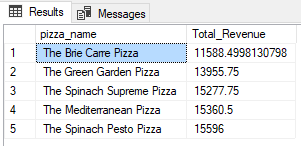


**7. Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC



**With Respect to Quantity:**

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

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC



**With Respect to 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

