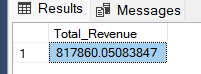
# **PIZZA SALES SQL QUERIES**

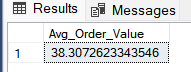
# **A.KPI’s**

**1. Total Revenue**  
SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales



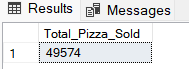
**2. AVERAGE ORDER VALUE**

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

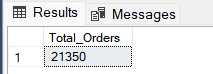


**3. TOTAL PIZZA SOLD**

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

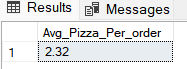


**4. TOTAL ORDERS**  
SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales



**5.AVERAGE PIZZA PER ORDER**

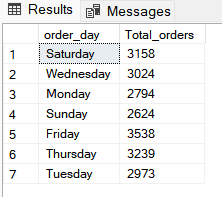
SELECT CAST (CAST(SUM(quantity) AS DECIMAL(10,2)) / CAST( COUNT(DISTINCT order\_id) AS DECIMAL (10,2)) AS DECIMAL(10,2)) As Avg\_Pizza\_Per\_order FROM pizza\_sales



# **PROBLEM STATEMENT**

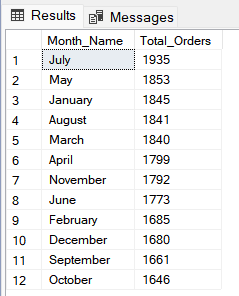
**1. DAILY TRENDS FOR TOTAL ORDER**

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



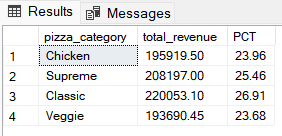
**2.MONTHLY TREND FOR TOTAL ORDERS**

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



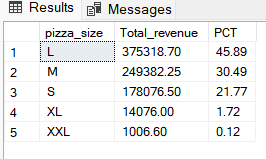
**D. % of Sales by Pizza Category**

SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue, CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT FROM pizza\_sales GROUP BY pizza\_category



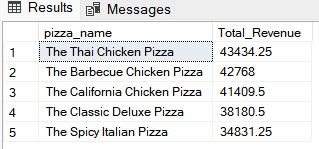
**E. % of Sales by Pizza Size**

SELECT pizza\_size,CAST (SUM(total\_price) AS DECIMAL(10,2)) AS Total\_revenue , 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



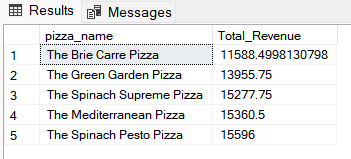
**G. Top 5 Pizzas by Revenue**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue FROM Pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Revenue DESC



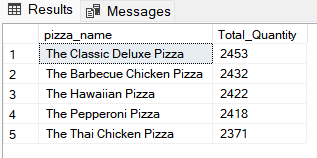
**H. Bottom 5 Pizzas by Revenue**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS Total\_Revenue FROM Pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Revenue ASC



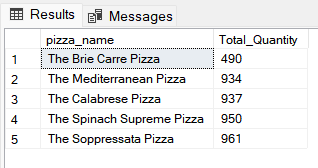
**J. Bottom 5 Pizzas by Quantity**

SELECT TOP 5 pizza\_name, SUM(Quantity) AS Total\_Quantity FROM Pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Quantity DESC



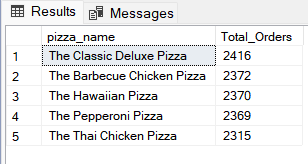
**I. Top 5 Pizzas by Quantity**

SELECT TOP 5 pizza\_name, SUM(Quantity) AS Total\_Quantity FROM Pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Quantity ASC



**K. Top 5 Pizzas by Total Orders**

SELECT TOP 5 pizza\_name, COUNT(Order\_id) AS Total\_Orders FROM Pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Orders DESC



**L. Borrom 5 Pizzas by Total Orders**

SELECT TOP 5 pizza\_name, COUNT(Order\_id) AS Total\_Orders FROM Pizza\_sales GROUP BY pizza\_name ORDER BY Total\_Orders ASC

