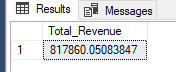
**PIZZA SALES SQL QUERIES**

## A. KPI’S

**1. Total Revenue**

SELECT sum(total\_price) AS Total\_Revenue FROM pizza\_sales

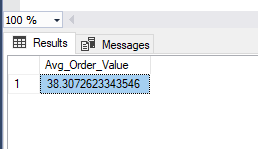
**Output**



**2. Average Order value**

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

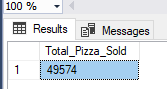
**Output**



**3. Total Pizzas Sold**

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

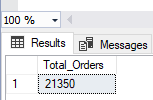
**Output**



**4. Total Pizzas Order**

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

**Output**

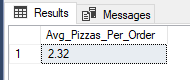


**5. Average Pizzas Per Order**

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

**Output**



**B. Daily Trend For Total Order**

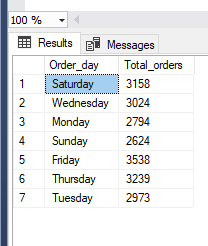
SELECT DATENAME(DW, order\_date) AS order\_day,

COUNT(DISTINCT order\_id) AS Total\_orders

from pizza\_sales

GROUP BY DATENAME(DW, order\_date)

**Output**



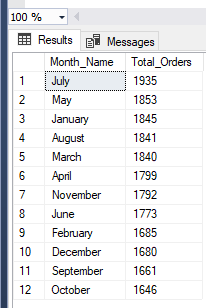
**C. Monthly Trend For Total Orders**

SELECT DATENAME(MONTH, order\_date) AS Order\_Month, count(distinct order\_id) AS Total\_Order

FROM pizza\_sales

GROUP BY order\_date

**Output**



**D. Pizza Category by Total Revenue**

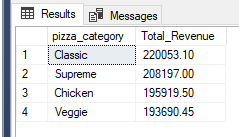
SELECT pizza\_category,cast( sum(total\_price)as decimal(10,2)) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Revenue DESC

**Output**



**E. Pizza Category by Total Quantity sold**

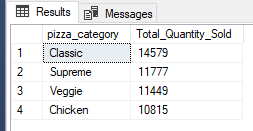
SELECT pizza\_category, count(quantity) AS Total\_Quantity\_Sold

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

**Output**



**F. % Of Sales by Pizza Category**

SELECT pizza\_category, cast (sum(total\_price)as decimal (10,2)) AS Total\_Revenue,

count (Distinct order\_id) AS Total\_Order,

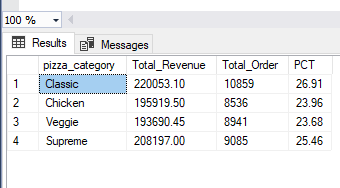
CAST (cast(sum(total\_price)\* 100 AS DECIMAL (10,2)) /

(SELECT cast (sum(total\_price)AS DECIMAL (10,2))FROM pizza\_sales)AS DECIMAL (10,2))AS PCT

FROM pizza\_sales

GROUP BY pizza\_category

**Output**



**G. % of sale by Pizza size**

SELECT pizza\_size, cast (sum(total\_price)as decimal (10,2)) AS Total\_Revenue,

count (Distinct order\_id) AS Total\_Order,

CAST (cast(sum(total\_price)\* 100 AS DECIMAL (10,2)) /

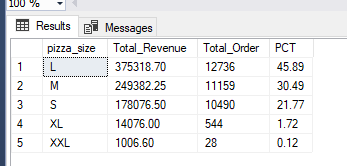
(SELECT cast (sum(total\_price)AS DECIMAL (10,2))FROM pizza\_sales)AS DECIMAL (10,2))AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY Total\_Order DESC

**Output**



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

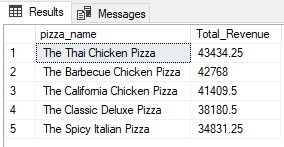
SELECT TOP 5 pizza\_name, SUM(total\_price)AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

**Output**



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

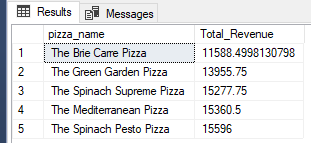
SELECT TOP 5 pizza\_name, SUM(total\_price)AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

**Output**



**J. Top 5 Pizzas by Total Pizzas Sold**

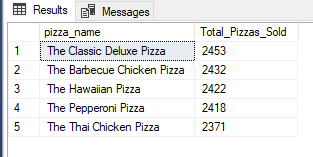
SELECT TOP 5 pizza\_name, SUM(quantity)AS Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizzas\_Sold DESC

**Output**



**K. Bottom 5 Pizzas by Total Pizzas Sold**

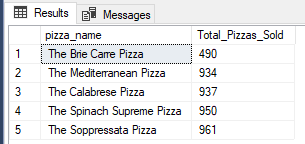
SELECT TOP 5 pizza\_name, SUM(quantity)AS Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizzas\_Sold ASC

**Output**



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

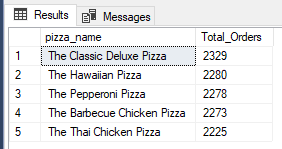
SELECT TOP 5 pizza\_name, COUNT(DISTINCT(order\_id))AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

**Output**



**M. Bottom 5 Pizzas by 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

**Output**

