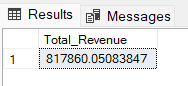
PIZZA SALES SQL QUERIES

# KPI’s

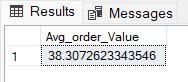
## Total Revenue:

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



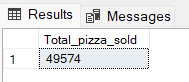
## Average Order Value

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



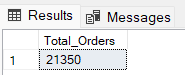
## Total Pizzas Sold

SELECT SUM(quantity) AS Total\_pizza\_sold FROM pizza\_sales



## Total Orders

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

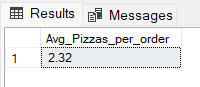


## Average Pizzas Per Order

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



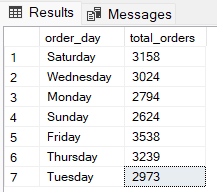
# Daily Trend for Total Orders

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date)

***Output:***

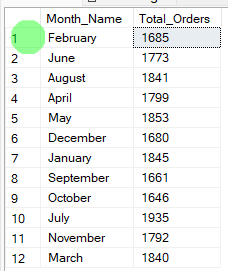
******

# Monthly Trend for 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)***Output***

******

# % of Sales by Pizza Category

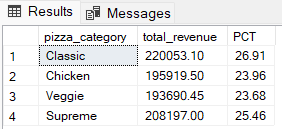
SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

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

***Output***

******

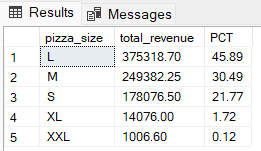
# % of Sales by Pizza Size

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 pizza\_size

***Output***

******

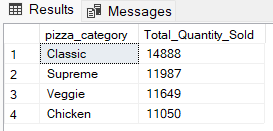
# Total Pizzas Sold by Pizza Category

SELECT pizza\_category, SUM(quantity) as Total\_Quantity\_Sold FROM pizza\_sales

WHERE MONTH(order\_date) = 2 GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

***Output***

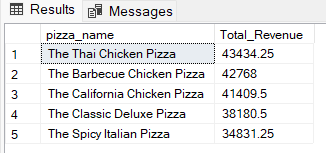
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# Top 5 Pizzas by Revenue

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

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

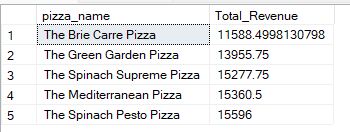


# Bottom 5 Pizzas by Revenue

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

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC



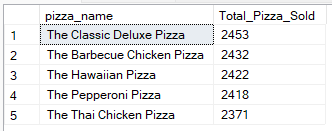
# Top 5 Pizzas by Quantity

SELECT Top 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

***Output***

******

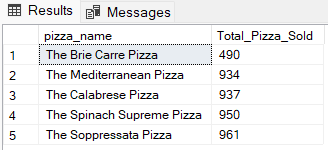
# Bottom 5 Pizzas by Quantity

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

FROM pizza\_sales GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

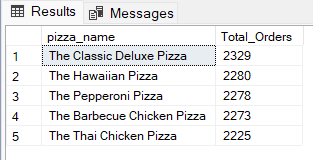
***Output***

******

# 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

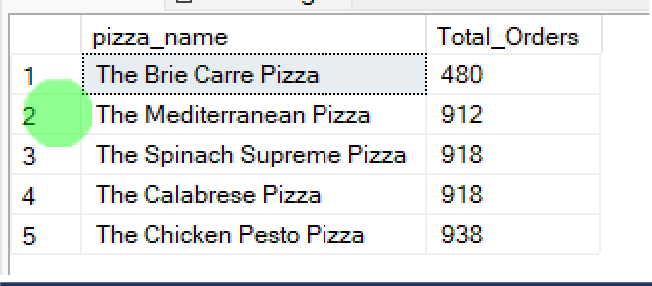
ORDER BY Total\_Orders DESC

# Borrom 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



***NOTE***

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples

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

WHERE pizza\_category = 'Classic' GROUP BY pizza\_name

ORDER BY Total\_Orders ASC