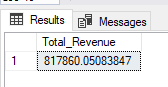
**PIZZA SALES SQL QUERIES**

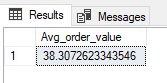
1. **KPIs**
2. Total Revenue

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



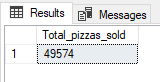
1. Average order value

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



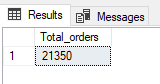
1. Total Pizzas sold

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



1. Total orders

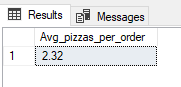
SELECT COUNT(DISTINCT order\_id) AS Total\_orders FROM pizza\_sales



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))

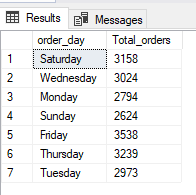
AS Avg\_pizzas\_per\_order FROM pizza\_sales



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)

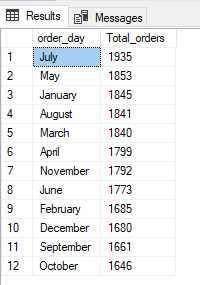


1. Monthly trend for total orders

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

GROUP BY DATENAME(MONTH, order\_date)

ORDER BY Total\_orders DESC

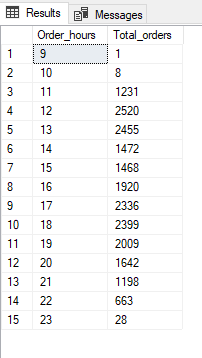


1. Hourly trend for orders

SELECT DATEPART(HOUR,order\_time) AS Order\_hours, COUNT(DISTINCT order\_id) AS Total\_orders FROM pizza\_sales

GROUP BY DATEPART(HOUR,order\_time)

ORDER BY DATEPART(HOUR,order\_time)

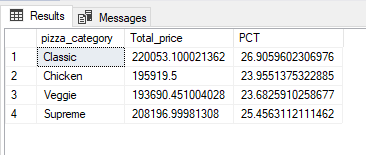


1. Percentage of sales by Pizza category

SELECT pizza\_category, SUM(total\_price) AS Total\_price,SUM(total\_price) \* 100/ (SELECT SUM(total\_price) FROM pizza\_sales) AS PCT

FROM pizza\_sales

GROUP BY pizza\_category



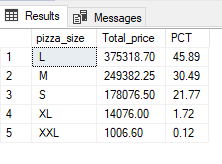
1. Percentage of sales by pizza size

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



1. 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

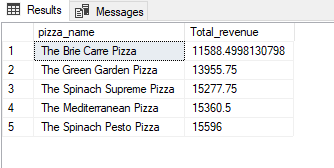


1. Bottom 5 pizzas by revenue

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

GROUP BY pizza\_name

ORDER BY Total\_revenue ASC

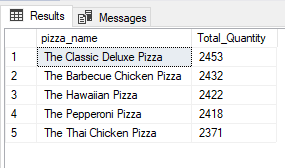


1. Top 5 Pizzas by quantity

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

GROUP BY pizza\_name

ORDER BY Total\_Quantity DESC

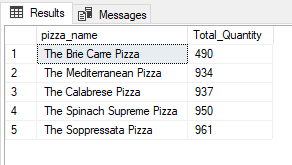


1. Bottom 5 pizzas by quantity

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

GROUP BY pizza\_name

ORDER BY Total\_Quantity ASC



**NOTE**

If you want to apply Month, Week or Quarter filters to the above queries you can use WHERE clause. Below are some examples:

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

MONTH(order\_date)=1 indicates the output is for the month of January

SELECT pizza\_category, SUM(total\_price) AS Total\_price,SUM(total\_price) \* 100/ (SELECT SUM(total\_price) FROM pizza\_sales WHERE DATEPART(QUARTER, order\_date) = 1) AS PCT

FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date) = 1

GROUP BY pizza\_category

DATEPART(QUARTER, order\_date) = 1 indicates the output is for Quarter 1