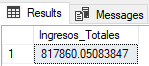
**Venta de pizzas – Consultas SQL**

# A. KPI’s (Key Performance Indicators / Indicadores claves de rendimiento)

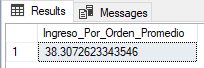
**1. Ingresos Totales:**

SELECT SUM(total\_price) AS Ingresos\_Totales FROM pizza\_sales



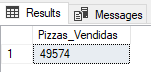
**2. Ingreso Por Orden Promedio**

SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Ingreso\_Por\_Orden\_Promedio FROM pizza\_sales



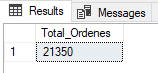
**3. Pizzas Vendidas**

SELECT SUM(quantity) AS Pizzas\_Vendidas FROM pizza\_sales



**4. Total De Ordenes**

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



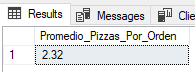
**5. Promedio De Pizzas Por Orden**

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))

AS Promedio\_Pizzas\_Por\_Orden

FROM pizza\_sales



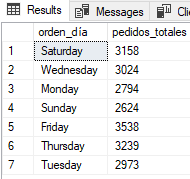
# **B. Tendencia diaría del total de pedidos**

SELECT DATENAME(DW, order\_date) AS Orden\_día, COUNT(DISTINCT order\_id) AS Pedidos\_totales

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date)

***Output:***

****

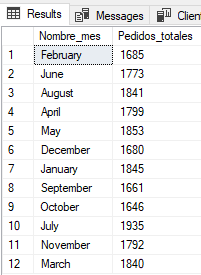
# C. Tendencia mensual del total de pedidos

select DATENAME(MONTH, order\_date) as Nombre\_mes, COUNT(DISTINCT order\_id) as Pedidos\_totales

from pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

***Output***

****

# D. Porcentaje de venta por Pizza Category

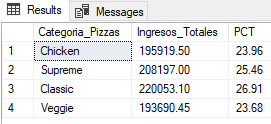
SELECT pizza\_category AS Categoria\_Pizzas, CAST(SUM(total\_price) AS DECIMAL(10,2)) as Ingresos\_Totales,

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***

****

# E. Porcentaje de ventas por Pizza Size

SELECT pizza\_size AS Tamaño\_Pizzas, CAST(SUM(total\_price) AS DECIMAL(10,2)) as Ingresos\_Totales,

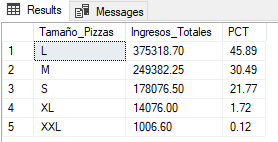
CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY pizza\_size

***Output***

****

# F. Total de pizzas vendidas por Pizza Category

SELECT pizza\_category AS Categoria\_Pizza,

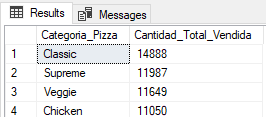
SUM(quantity) as Cantidad\_Total\_Vendida

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

***Output:***

****

# G. Top 5 Pizzas por ganacias

SELECT Top 5 pizza\_name AS Nombre\_Pizza,

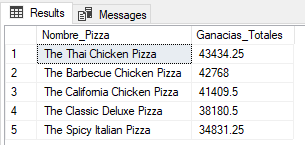
SUM(total\_price) AS Ganacias\_Totales

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Ganancias\_Totales DESC

***Output:***

****

# H. Bottom 5 Pizzas por ganacias

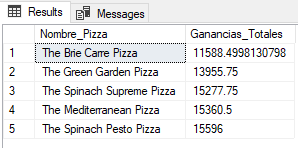
SELECT Top 5 pizza\_name AS Nombre\_Pizza,

SUM(total\_price) AS Ganancias\_Totales

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Ganacias Totales ASC

****

# I. Top 5 Pizzas por cantidad

SELECT Top 5 pizza\_name AS Nombre\_Pizza,

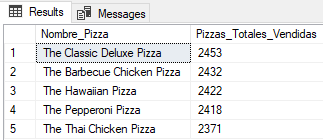
SUM(quantity) AS Pizzas\_Totales\_Vendidas

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Pizzas\_Totales\_Vendidas DESC

***Output***

****

# J. Bottom 5 Pizzas por cantidad

SELECT TOP 5 pizza\_name AS Nombre\_Pizza,

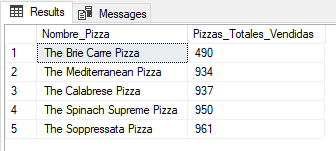
SUM(quantity) AS Pizzas\_Totales\_Vendidas

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Pizzas\_Totales\_Vendidas ASC

***Output:***

****

# K. Top 5 Pizzas por total de ordenes

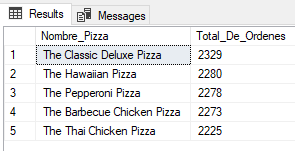
SELECT Top 5 pizza\_name AS Nombre\_Pizza, COUNT(DISTINCT order\_id) AS Total\_De\_Ordenes

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_De\_Ordenes DESC

***Output:***

****

# L. Borrom 5 Pizzas por total de ordenes

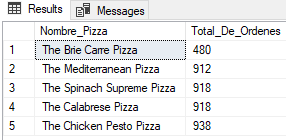
SELECT Top 5 pizza\_name AS Nombre\_Pizza, COUNT(DISTINCT order\_id) AS Total\_De\_Ordenes

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_De\_Ordenes ASC

***Output:***

******

# NOTA

Si se quiere aplicar filtros a las consultas para los resultados generals o especificamente para las columnas “pizza\_category” o “pizza\_size” se puede usar la clausula WHERE, seguida de alguno de los siguientes ejemplos:

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

SELECT pizza\_category AS Categoria\_Pizza, SUM(quantity) as Cantidad\_Total\_Vendida

FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC