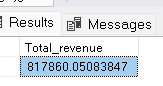
PIZZA SALES SQL QUERIES

**A. KPI’s**

1. Total revenue:

SELECT SUM (total\_price) AS Total\_revenue from [pizza\_sales]



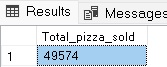
2. Average order value:

select SUM(total\_price)/COUNT(DISTINCT order\_id) AS Avg\_order\_value from [pizza sales]



3. Total pizzas 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 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]



CHART REQUIREMENT:

**B. 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:***

****

**C. 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)

***Output:***

****

**D. Percentage of sales by pizza category**

SELECT

pizza\_category,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_revenue,

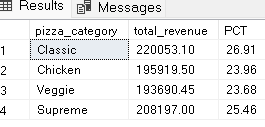
CAST(SUM(total\_price) \* 100.0 /

(SELECT SUM(total\_price) FROM [pizza sales]) AS DECIMAL(10,2)) AS PCT

FROM [pizza sales]

GROUP BY pizza\_category;

***Output:***



**E. Percentage of sales by pizza size**

SELECT

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

CAST(SUM(total\_price) \* 100.0 /

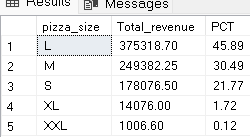
(SELECT SUM(total\_price) FROM [pizza sales])AS DECIMAL(10,2)) AS PCT

FROM [pizza sales]

GROUP BY pizza\_size

ORDER BY pizza\_size

***Output:***



**F. Total 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:***

****

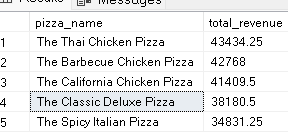
**G. Top 5 Pizzas by Revenue:**

SELECT TOP 5 pizza\_name, SUM (total\_price) AS total\_revenue FROM [pizza sales]

GROUP by pizza\_name

ORDER by total\_revenue DESC

***Output:***



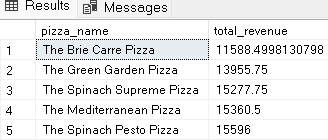
**H. Bottom 5 pizzas sold by revenue**

SELECT TOP 5 pizza\_name, SUM (total\_price) AS total\_revenue FROM [pizza sales]

GROUP by pizza\_name

ORDER by total\_revenue ASC

***Output:***



**I. Top 5 pizzas sold by total quantity**

SELECT TOP 5 pizza\_name, SUM (quantity) AS total\_quantity FROM [pizza sales]

GROUP by pizza\_name

ORDER by total\_quantity DESC

***Output:***

****

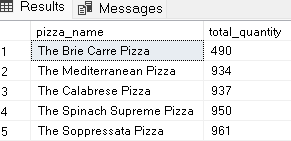
**J. Bottom 5 pizzas sold by total quantity**

SELECT TOP 5 pizza\_name, SUM (quantity) AS total\_quantity FROM [pizza sales]

GROUP by pizza\_name

ORDER by total\_quantity ASC

***Output:***



**K . Top 5 pizzas sold by total orders**

SELECT TOP 5

pizza\_name,

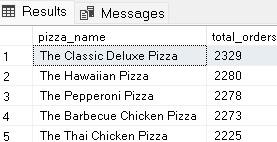
COUNT(DISTINCT order\_id) AS total\_orders

FROM [pizza sales]

GROUP BY pizza\_name

ORDER BY total\_orders DESC;

***Output:***



**L . Bottom 5 pizzas sold 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:***



***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