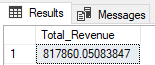
PIZZA SALES SQL QUERIES

## **A. KPI’s**

**1. Total Revenue**:

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

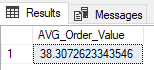
*OUTPUT:*



**2.Average Order Value**:

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) AS AVG\_Order\_Value FROM pizza\_sales;

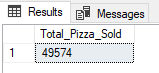
*OUTPUT:*



**3.Total Pizza Sold**:

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

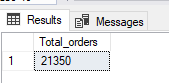
*OUTPUT:*



**4.Total Orders:**

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

*OUTPUT:*



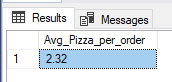
**5.Average Pizza Per Order:**

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

CAST(COUNT(DISTINCT order\_id)AS DECIMAL(10,2))AS DECIMAL(10,2))AS Avg\_Pizza\_per\_order

FROM pizza\_sales;

*OUTPUT:*



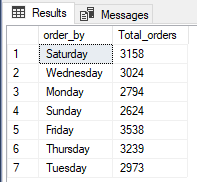
**B. Daily Trend for Total Orders:**

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 Orders:**

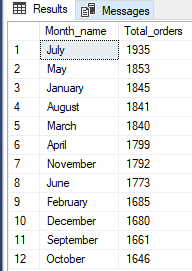
SELECT DATENAME(MONTH,order\_date) AS Month\_name , COUNT(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales

GROUP BY DATENAME(MONTH,order\_date)

ORDER BY Total\_orders DESC;

*OUTPUT:*

****

**D. % of Sales by Pizza Category:**

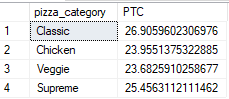
SELECT pizza\_category, SUM(total\_price)\*100 /

(SELECT SUM(total\_price) FROM pizza\_sales) AS PTC

FROM pizza\_sales

GROUP BY pizza\_category;

*OUTPUT:*

****

**E.** **% of Sales by Pizza Size:**

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

CAST(SUM(total\_price)\*100 /

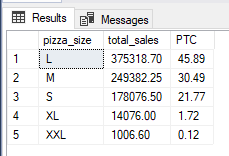
(SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL (10,2)) AS PTC

FROM pizza\_sales

GROUP BY Pizza\_size

ORDER BY PTC DESC;

*OUTPUT:*

****

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

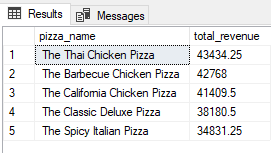
SELECT TOP 5 pizza\_name, SUM(total\_price) AS total\_revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue DESC;

*OUTPUT:*

**

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

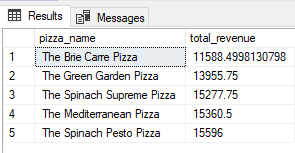
SELECT TOP 5 pizza\_name, SUM(total\_price) AS total\_revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue ASC;

*OUTPUT:*



**H.** Top 5 Pizzas by quantity:

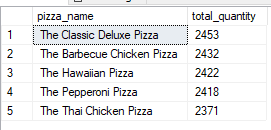
SELECT TOP 5 pizza\_name, SUM(quantity) AS total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity DESC;

*OUTPUT:*

**

**I.** Bottom 5 Pizzas by quantity:

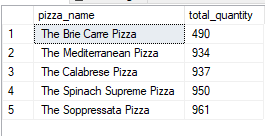
SELECT TOP 5 pizza\_name, SUM(quantity) AS total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity ASC;

*OUTPUT:*

**

**J.** TOP 5 Pizzas by 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:*



**K.** Bottom 5 Pizzas by 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:*

