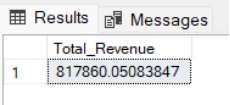
**PIZZA SALES SQL QUERIES**

**A. KPI’s**

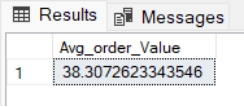
**1. Total Revenue:**

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



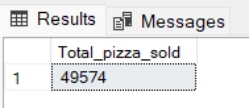
**2. Average Order Value**

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



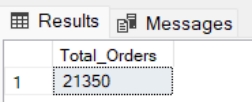
**3. Total Pizzas Sold**

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



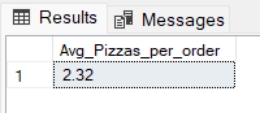
**4. Total Orders**

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



**5. Average Pizzas Per Order**

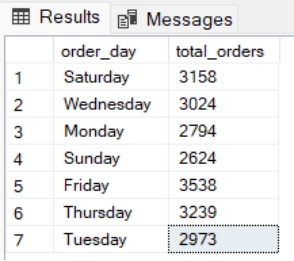
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) / CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))AS Avg\_Pizzas\_per\_order FROM pizza\_sales



- IF YOU WANT ENTIRE DECIMAL VALUE THEN REMOVE THE FIRST CAST FROM THE SYNTAX.

**B. Daily Trend for Total Orders**SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders FROM pizza\_salesGROUP 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)

**O/P**

USE SYNTAX: SELECT DATENAME(MONTH, order\_date) AS Month\_Name, COUNT(DISTINCT order\_id) FROM pizza\_sales GROUP BY DATENAME(MONTH, order\_date) ORDER BY Total\_Orders DESC IF YOU WANT OUTPUT IN DESCENDING ORDER

**D. % 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:**

****

**E. % 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: **

**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 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

- TO GET BOTTOM 5 TOP PIZZAS EITHER REMOVE DESC OR USE ASC

****

**I. 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:**

****

**J. 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:**

****

**K. 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

**Output:**

****

**L. Bottom 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

**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