**PIZZA SALES SQL QUERIES**

**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 Requirements**

**NOTE:**

This Daily Trends and monthly trends have been done in Microsoft SQL server because date column was not getting converted into date format.

**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:***

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**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)

***Output***

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**% of Sales by Pizza Category**

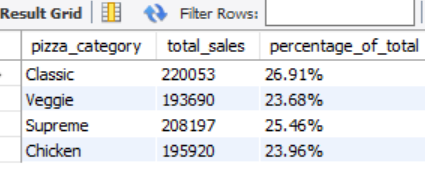
SELECT pizza\_category,

ROUND(SUM(total\_price)) as total\_sales,

CONCAT(ROUND(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales),2),"%") as percentage\_of\_total

FROM pizza\_sales

GROUP BY pizza\_category;

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**% of Sales by Pizza Size**

SELECT pizza\_size,

ROUND(SUM(total\_price)) as total\_sales,

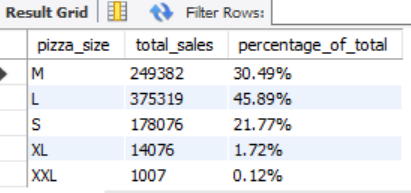
CONCAT(ROUND(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales),2),"%") as percentage\_of\_total

FROM pizza\_sales

GROUP BY pizza\_size;

ORDER By pizza\_size;

***Output***

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**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***

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**Top 5 Pizzas by Revenue**

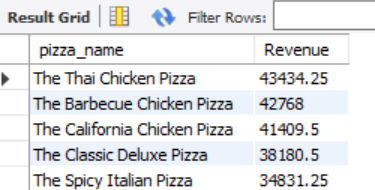
SELECT pizza\_name,SUM(total\_price) as Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Revenue DESC

LIMIT 5;

***Output***

****

**Bottom 5 Pizzas by Revenue**

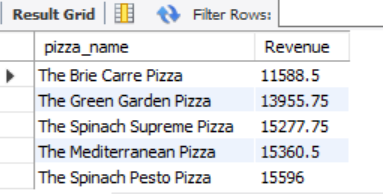
SELECT pizza\_name, ROUND(SUM(total\_price),2) AS Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Revenue ASC

LIMIT 5;

***Output***

****

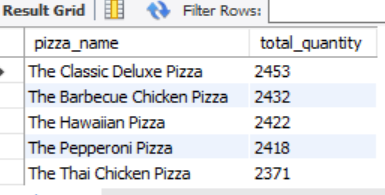
**Top 5 Pizzas by Quantity**

SELECT pizza\_name, ROUND(SUM(quantity),2) as total\_quantity FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity DESC

LIMIT 5;

****

**Bottom 5 Pizzas by Quantity**

SELECT pizza\_name, ROUND(SUM(quantity),2) AS total\_quantity FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity ASC

LIMIT 5;

***Output***

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**Top 5 Pizzas by Total Orders**

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

LIMIT 5

****

**Borrom 5 Pizzas by Total Orders**

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

LIMIT 5

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**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 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

LIMIT 5