**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

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



**2. Average Order Value**

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



**3. Total Pizzas Sold**

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



**4. Total Orders**

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



**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\_data



**B. Daily Trend for Total Orders**

SELECT TO\_CHAR(order\_date, 'Day') as order\_day,COUNT(DISTINCT order\_id) as total\_orders from pizza\_data

GROUP BY TO\_CHAR(order\_date, 'Day')

***Output:***

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**C. Monthly Trend for Orders**

SELECT TO\_CHAR(order\_date, 'Month') as order\_day,COUNT(DISTINCT order\_id) as total\_orders from pizza\_data

GROUP BY TO\_CHAR(order\_date, 'Month')

***Output***

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**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\_data) AS DECIMAL(10,2)) AS PCT

FROM pizza\_data

GROUP BY pizza\_category

***Output***

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**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\_data) AS DECIMAL(10,2)) AS PCT

FROM pizza\_data

GROUP BY pizza\_size

ORDER BY pizza\_size

***Output***

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**F. Total Pizzas Sold by Pizza Category**

SELECT pizza\_category, SUM(quantity) as Total\_Quantity\_Sold

FROM pizza\_data

WHERE MONTH(order\_date) = 2

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

***Output***

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**G. Top 5 Pizzas by Revenue**

SELECT pizza\_name,sum(total\_price)as total\_revenue from pizza\_data

GROUP BY pizza\_name

ORDER BY total\_revenue desc

limit 5

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**H. Bottom 5 Pizzas by Revenue**

SELECT pizza\_name,sum(total\_price)as total\_revenue from pizza\_data

GROUP BY pizza\_name

ORDER BY total\_revenue asc

limit 5

****

**I. Top 5 Pizzas by Quantity**

SELECT pizza\_name,sum(quantity)as total\_sold\_pizza from pizza\_data

GROUP BY pizza\_name

ORDER BY total\_sold\_pizza desc

limit 5

***Output***

****

**J. Bottom 5 Pizzas by Quantity**

SELECT pizza\_name,sum(quantity)as total\_sold\_pizza from pizza\_data

GROUP BY pizza\_name

ORDER BY total\_sold\_pizza asc

limit 5

***Output***

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**K. Top 5 Pizzas by Total Orders**

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

FROM pizza\_data

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

LIMIT 5

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**L. Bottom 5 Pizzas by Total Orders**

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

FROM pizza\_data

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

LIMIT 5

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