**PIZZA SALES SQL QUERIES**

A. KPI’s

**1. Total Revenue:**

* select SUM(total\_price) AS total\_revenue from pizza\_sales

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**2. Average Order Value:**

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

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**3. Total Pizzas Sold:**

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

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**4. Total Order:**

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

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**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

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B. Charts Requirements

**1. Daily Trend:**

* SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS Total\_orders FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date)

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**2. Hourly Trend:**

* SELECT DATEPART(HOUR, order\_time) AS order\_hours, COUNT(DISTINCT order\_id) as Total\_orders FROM pizza\_sales

GROUP BY DATEPART(HOUR, order\_time)

ORDER BY DATEPART(HOUR, order\_time)

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**3. Percentage of the Sales (PCT) by Pizza Category:**

* SELECT pizza\_category, SUM(total\_price) AS Total\_sales, SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales WHERE MONTH(order\_date) = 1) AS PCT

FROM pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category

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Filter the data by month, Quarter, and Week filters queries you can use the WHERE clause.. as below:

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**4. Percentage 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 PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY PCT DESC

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**5. Total pizzas sold by Pizza Category:**

* SELECT pizza\_category, SUM(quantity) AS Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY pizza\_category

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**6. Top 5 Best Sellers Pizza Sold:**

* SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) DESC

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**7. Top 5 Worst Pizza Sold:**

* SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Pizzas\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) ASC

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