**Pizza Sales SQL Queries**

***KPIs (Key Performance Indicators)***

1. Total Revenue

SELECT SUM(total\_price) AS Total\_revenue

FROM pizza\_sales

1. Average Order Value

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) AS Avg\_order\_value

FROM pizza\_sales

1. Total Pizzas Sold

SELECT SUM(quantity) AS Total\_pizzas\_sold

FROM pizza\_sales

1. Total Orders Placed

SELECT COUNT(DISTINCT order\_id) AS Total\_orders\_sold

FROM pizza\_sales

1. Avg Pizzas Per Order

SELECT SUM(quantity) / COUNT(DISTINCT order\_id) AS Avg\_pizzas\_per\_order

FROM pizza\_sales

***Chart Requirements***

1. 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)

1. Hourly Trend of Daily Orders

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)

1. Percentage of Sales by Pizza Category

SELECT pizza\_category,

SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS Pct\_sales\_by\_cate

FROM pizza\_sales

GROUP BY pizza\_category

*If you want to add a filter to get percentage of sales by pizza cate per month use WHERE clause in query*

*SELECT pizza\_category,*

*SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales WHERE MONTH(order\_date) =1) AS Pct\_sales\_by\_cate*

*FROM pizza\_sales*

*WHERE MONTH(order\_date) =1*

*GROUP BY pizza\_category*

1. Percentage of Sales by Pizza Size

SELECT pizza\_size,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10, 2)) AS Pct\_sales\_by\_size

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY Pct\_sales\_by\_size

*If you want to add a filter to get percentage of sales by pizza size per quarter use WHERE clause in query*

*SELECT pizza\_size,*

*CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) WHERE DATEPART(QUARTER, order\_date) = 1 AS DECIMAL(10, 2)) AS Pct\_sales\_by\_size*

*FROM pizza\_sales*

*WHERE DATEPART(QUARTER, order\_date) = 1*

*GROUP BY pizza\_size*

*ORDER BY Pct\_sales\_by\_size*

1. Total Pizzas Sold by Category

SELECT pizza\_category,

SUM(quantity) AS Total\_pizzas\_sold

FROM pizza\_sales

GROUP BY pizza\_category

1. Top 5 Best Sellers by Total Pizzas Sold

SELECT TOP 5 pizza\_name,

SUM(quantity) AS Total\_pizzas\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) DESC

*If you want to determine Top 5 by month add WHERE clause*

*SELECT TOP 5 pizza\_name,*

*SUM(quantity) AS Total\_pizzas\_sold*

*FROM pizza\_sales*

*WHERE MONTH(order\_date) = 10*

*GROUP BY pizza\_name*

*ORDER BY SUM(quantity) DESC*

1. Bottom 5 Sellers by Total Pizzas Sold

SELECT TOP 5 pizza\_name,

SUM(quantity) AS Total\_pizzas\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(quantity) ASC