**Pizza Sales SQL Queries**

1. **KPI’s**
2. **Total\_Revenue**

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

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1. **Average Order Value**

SELECT SUM(total\_price)/ COUNT(DISTINCT order\_id) AS Average\_Order\_Value from pizza\_sales

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1. **Total Pizzas sold**

SELECT SUM(quantity) AS Total\_Pizzas\_sold from pizza\_sales

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1. **Total orders**

SELECT COUNT(DISTINCT order\_id) AS Total\_orders from pizza\_sales

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1. **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 Average\_pizzas\_per\_order from pizza\_sales

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1. **Daily trend for total orders**

SELECT DATENAME(DW, order\_date) as oder\_day, count(DISTINCT order\_id) AS Total\_orders

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date)

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1. **Monthly trend for total 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)

ORDER BY Total\_orders DESC

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1. **Percentage of sales by Pizza Category**

SELECT pizza\_category,SUM(total\_price) AS Total\_Sales, SUM(total\_price)\*100/

(SELECT SUM(total\_price) FROM pizza\_sales) AS PCT

FROM pizza\_sales

GROUP BY pizza\_category

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NOTE: This is for January month

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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1. **Percentage of sales by Pizza Size**

SELECT pizza\_size,SUM(total\_price) 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

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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

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NOTE: This is for Ascending order

SELECT pizza\_size,SUM(total\_price) 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

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NOTE: This is for Descending order and for 1st quarter part

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 Where DATEPART(quarter, order\_date)=1) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

Where DATEPART(quarter, order\_date)=1

GROUP BY pizza\_size

order by PCT Desc

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1. **Top 5 Best Sellers by Total Pizzas Sold:**

SELECT TOP 5 pizza\_name, sum(total\_price) AS Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

order by Total\_Revenue DESC

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1. **Bottom 5 Worst Sellers By total Pizzas Sold:**

SELECT TOP 5 pizza\_name, sum(total\_price) AS Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

order by Total\_Revenue

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1. **Top 5 Best Sellers by Total Quantity:**

SELECT TOP 5 pizza\_name, sum(quantity) AS Total\_Quantity FROM pizza\_sales

GROUP BY pizza\_name

order by Total\_Quantity DESC

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1. **Bottom 5 Best Sellers by Total Quantity:**

SELECT TOP 5 pizza\_name, sum(quantity) AS Total\_Quantity FROM pizza\_sales

GROUP BY pizza\_name

order by Total\_Quantity

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1. **Top 5 Best Sellers by Total Order-ID:**

SELECT TOP 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales

GROUP BY pizza\_name

order by Total\_Orders DESC

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1. **Bottom 5 Best Sellers by Total Order\_id:**

SELECT TOP 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales

GROUP BY pizza\_name

order by Total\_Orders

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