**Pizza World Sales Report - SQL Queries**

**KPI Requirements**

**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 Average\_Order\_Value

FROM pizza\_sales;

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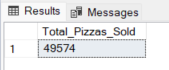
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**3) Total Pizzas Sold**

SELECT

SUM(quantity) AS Total\_Pizzas\_Sold

FROM pizza\_sales;



**4) Total Orders**

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 Average\_Pizzas\_Per\_Order

FROM pizza\_sales;

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**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)

ORDER BY Total\_Orders DESC;

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**2) Monthly Trend for Total Orderds**

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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**3) Percentage of Sales by Pizza Category**

SELECT

pizza\_category,

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\_category

ORDER BY PCT DESC;

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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\_Quantity\_Sold

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC;

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**6) Top 5 Best Sellers by Total Pizzas Sold**

SELECT

Top 5 pizza\_name,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC;

A screenshot of a menu

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**7) Bottom 5 Worst Sellers by Total Pizzas Sold**

SELECT

Top 5 pizza\_name,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue;

A screenshot of a computer screen

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**8) Top 5 Pizzas by Quantity**

SELECT

TOP 5 pizza\_name,

SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC;

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**9) Bottom 5 Pizzas by Quantity**

SELECT

TOP 5 pizza\_name,

SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold;

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**10) Top 5 Pizzas by Total Orders**

SELECT

TOP 5 pizza\_name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC;

A screenshot of a menu

Description automatically generated

**11) Bottom 5 Pizzas by Total Orders**

SELECT

TOP 5 pizza\_name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders;

A screenshot of a menu

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**12) Time of the day with more orders**

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**NOTE**

To apply the Month, Quarter, Week filters to the above queries, use the WHERE clause.

WHERE MONTH(order\_date) = 1

*It indicates that the output is for January.*

WHERE DATEPART(QUARTER, order\_date) = 1

*It indicates that the output is for Quarter 1.*