**Pizza Sales**

Pizza Sales

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# **SQL Query Problem Statement**

1. Find 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 Pizza Sold

Select SUM(quantity) As Total\_pizza\_Sold

From pizza\_sales



1. Total Orders

SELECT COUNT(DISTINCT order\_id) AS TotalOrders

FROM pizza\_sales



1. Average Pizzas Per Order

-Average number of pizzas sold per order, calculated by dividing the total number of pizzas sold by the total number of orders.

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



Charts Requirement

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)

A screenshot of a computer

Description automatically generated

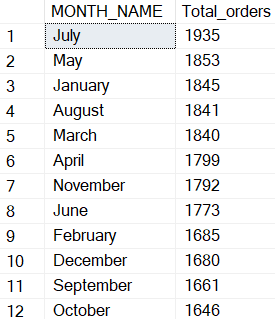
1. Hourly Trend for Total Orders

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

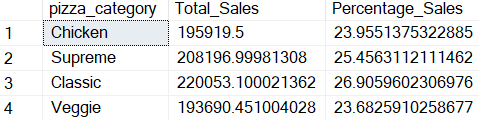


1. Percentage of Sales by Pizza Category

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

FROM pizza\_sales

Group by pizza\_category



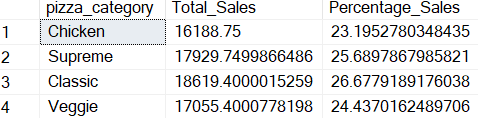
3a) Percentage of Sales by Pizza Category By January only

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 Percentage\_Sales

FROM pizza\_sales

WHERE MONTH(order\_date)=1

Group by pizza\_category



1. Percentages of Sales By Pizza Size

SELECT DISTINCT pizza\_size,SUM(total\_price) AS TotalSales, CAST(SUM(total\_price)\*100/(SELECT SUM(total\_price) from pizza\_sales)AS decimal(10,2)) AS PercentagesofSales

FROM pizza\_sales

WHERE DATEPART(quarter, order\_date)=1

GROUP BY pizza\_size

ORDER BY PercentagesofSales DESC

A screenshot of a graph

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1. Total Pizzas Sold By Pizza Category  
   SELECT pizza\_category, SUM(quantity) AS Quantity

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY SUM(quantity) DESC

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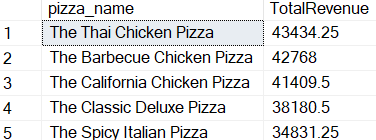
1. Top 5 Best Sellers by Total Pizzas Sold

SELECT TOP 5 pizza\_name, SUM(total\_price) AS TotalRevenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(total\_price) DESC



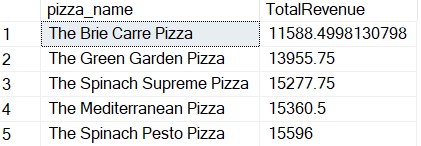
1. Bottom 5 Worst Sellers by Total Pizzas Sold

SELECT TOP 5 pizza\_name, SUM(total\_price) AS TotalRevenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY SUM(total\_price) ASC



# **PowerBi**

DESKTOP-D79QBA4\SQLEXPRESS

Pizza DB

## Data Cleaning

Transform Data and replace values to change the name of the different size of pizza.

## KPI’s Requirement

1. Total Revenue
2. Average Order Value
3. Total Pizza Sold
4. Total Orders
5. Average Pizzas Per Order

Home

Total Revenue, Average Order Value, Total Pizza Sold, Total Order, Average Pizza per Order, Daily Trend for Total Order, Monthly Trend for Total Order, % of Sales by Pizza Category, % of Sales by Pizza size and Total Pizza sold bu Pizza Category.

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Description automatically generated

Best/Worst Sellers

Top 5 Pizza by Revenue, Top 5 Pizzas by Quantity, Top 5 Pizzas by Total Orders, Bottom 5 Pizzas by Revenue, Bottom 5 Pizzas by Quantity, and Bottom 5 Pizzas by Total Orders.

