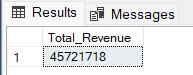
**PIZZA SALES (YT TUTORIAL POWER BI & SQL)**

**KPI**

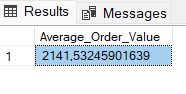
1. **Total Revenue**

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



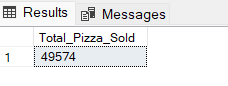
1. **Average Order Value**

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

****

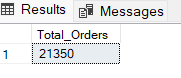
1. **Total Pizza Sold**

select sum(quantity) as Total\_Pizza\_Sold from pizza\_sales

****

1. **Total Orders**

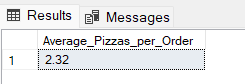
select count (distinct order\_id) as Total\_Orders from pizza\_sales

****

1. **Average pizza**

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

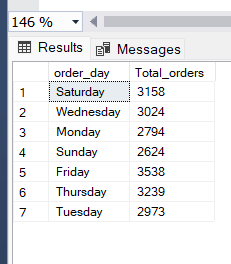


**Charts**

1. **Daily trend for total orders**

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

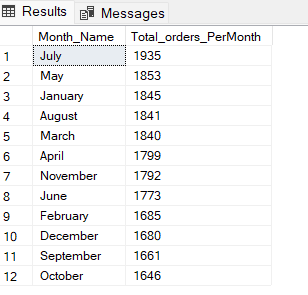
GROUP BY DATENAME(DW, order\_date)

****

1. **Hourly trend for total orders**

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

GROUP BY DATENAME(MONTH, order\_date)

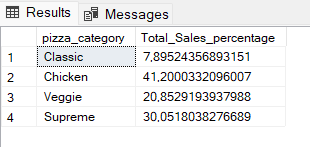
****

1. **Percentage of sales by pizza category**

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

FROM pizza\_sales

GROUP BY pizza\_category

****

1. **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 /

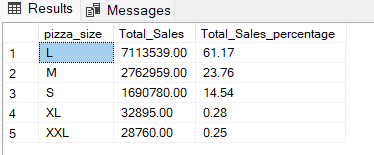
(SELECT SUM(total\_price) FROM pizza\_sales WHERE DATEPART(QUARTER, order\_date)=1) AS DECIMAL(10,2))

AS Total\_Sales\_percentage FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date)=1

GROUP BY pizza\_size

ORDER BY Total\_Sales\_percentage DESC

****

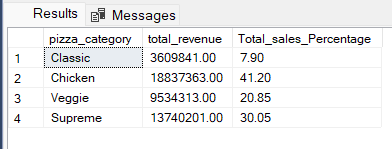
1. **Total pizza sold by pizza category**

SELECT pizza\_category, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS Total\_sales\_Percentage

FROM pizza\_sales

GROUP BY pizza\_category

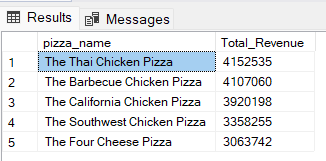
****

1. **Top 5 best sellers by revenue, total quantity and total orders**

select top 5 pizza\_name, SUM (total\_price) as Total\_Revenue FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue desc

****

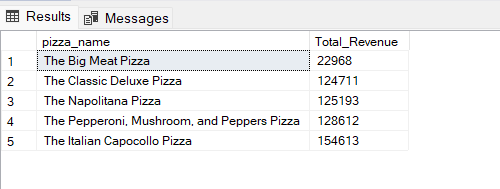
1. **Bottom 5 best sellers by revenue, total quantity and total orders**

SELECT Top 5 pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

****

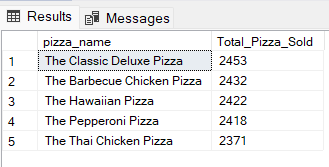
1. **Top 5 pizza by quantity**

select top 5 pizza\_name, sum(quantity) as Total\_Pizza\_Sold

from pizza\_sales

group by pizza\_name

order by Total\_Pizza\_Sold DESC



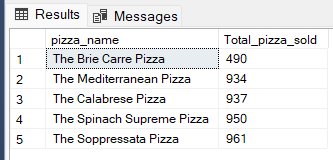
1. **Bottom 5 pizza by quantity**

select top 5 pizza\_name, sum(quantity) as Total\_pizza\_sold

from pizza\_sales

group by pizza\_name

order by Total\_pizza\_sold asc



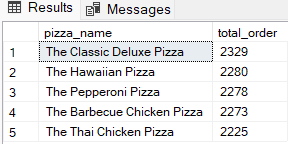
1. **Top 5 pizza by total orders**

select top 5 pizza\_name, count(distinct(order\_id)) as total\_order

from pizza\_sales

group by pizza\_name

order by total\_order desc

****

1. **Bottom 5 pizza by total orders**

select top 5 pizza\_name, count(distinct(order\_id)) as total\_order

from pizza\_sales

group by pizza\_name

order by total\_order asc

