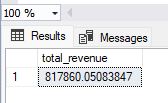
**PIZZA SALES ANALYSIS(SQL)**

**1.Total Revenue**

select SUM(total\_price) AS total\_revenue from pizza\_sales

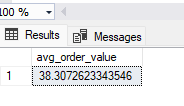
*Output*

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**2. Average order value**

select SUM(total\_price) / COUNT(DISTINCT order\_id) from pizza\_sales

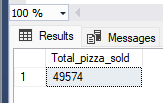
*Output*

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**3. Total pizza sold**

select SUM(quantity) AS Total\_pizza\_sold from pizza\_sales

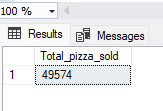
*Output*

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**4. Total orders**

select COUNT(DISTINCT order\_id) AS total\_orders from pizza\_sales

*Output*

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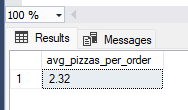
**5. Average pizzas per order**

select cast((cast(SUM(quantity) AS DECIMAL(10,2)) /

cast(COUNT(DISTINCT order\_id) AS DECIMAL (10,2))) AS DECIMAL(10,2))

AS avg\_pizzas\_per\_order from pizza\_sales

*Output*

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**5.Hourly trend for total orders**

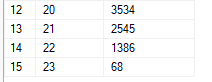
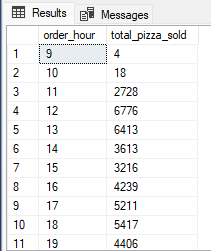
select DATEPART(HOUR, order\_time) AS order\_hour, SUM(quantity) as total\_pizza\_sold

from pizza\_sales

GROUP BY DATEPART(HOUR, order\_time)

ORDER BY DATEPART(HOUR, order\_time)

*Output*

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**6.Weekly trend for total orders**

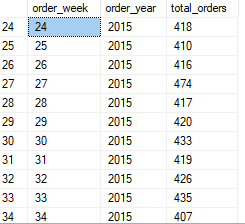
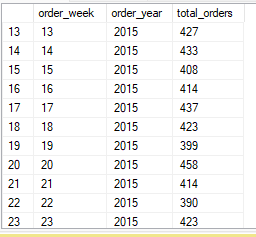
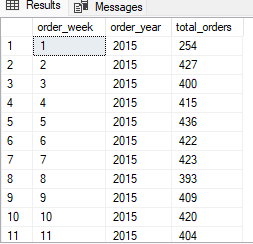
select DATEPART(ISO\_WEEK, order\_date) AS order\_week , YEAR(order\_date) AS order\_year,

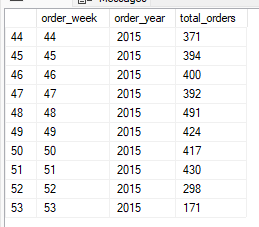
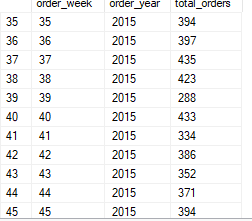
COUNT(DISTINCT order\_id) AS total\_orders from pizza\_sales

GROUP BY DATEPART(ISO\_WEEK, order\_date), YEAR(order\_date)

ORDER BY DATEPART(ISO\_WEEK, order\_date), YEAR(order\_date)

*Output*

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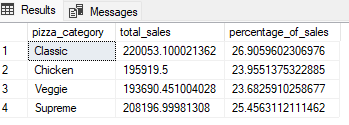
**7. Percentage of sales by pizza category**

select pizza\_category,sum(total\_price) AS total\_sales, sum(total\_price)\*100 / (select SUM(total\_price) from pizza\_sales)

AS percentage\_of\_sales from pizza\_sales

GROUP BY pizza\_category

*Output*

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**8. Percentage of sales by pizza size**

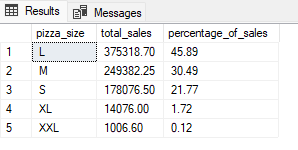
select pizza\_size,CAST(sum(total\_price) AS DECIMAL (10,2)) AS total\_sales,CAST(sum(total\_price)\*100 / (select SUM(total\_price) from pizza\_sales)

AS DECIMAL (10,2)) AS percentage\_of\_sales from pizza\_sales

GROUP BY pizza\_size

ORDER BY percentage\_of\_sales DESC

*Output*

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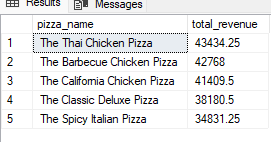
**9.Top 5 bestseller pizzas by revenue**

select TOP 5 pizza\_name,SUM(total\_price) AS total\_revenue from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue DESC

*Output*



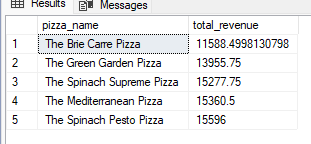
**10. Bottom 5 pizzas by revenue**

select TOP 5 pizza\_name,SUM(total\_price) AS total\_revenue from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue

*Output*

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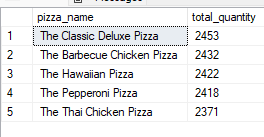
**11.Top 5 bestseller pizzas by quantity**

select TOP 5 pizza\_name,SUM(quantity) AS total\_quantity from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity DESC

*Output*

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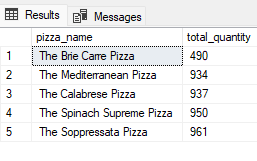
**12.Bottom 5 pizzas by quantity**

select TOP 5 pizza\_name,SUM(quantity) AS total\_quantity from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity

*Output*

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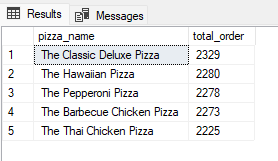
**13. Top 5 pizzas wrt total orders**

select TOP 5 pizza\_name,COUNT(DISTINCT order\_id) AS total\_order from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_order DESC

*Output*

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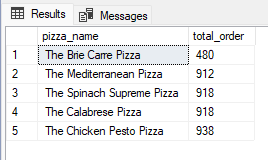
**14.Bottom 5 pizzas wrt total order**

select TOP 5 pizza\_name,COUNT(DISTINCT order\_id) AS total\_order from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_order

*Output*

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