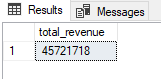
**Pizza Sales Sql queries**

**NB : Write the same requirements in DAX also**

1. **Key performance Indicator (KPI)**

* **Total Revenue**

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

****

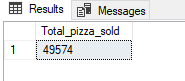
* **Average order value:**

select SUM(total\_price) / count(distinct order\_id) as avg\_orders\_value from pizza\_sales

****

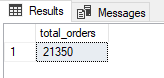
* **Total pizza solds**

select sum(quantity) as Total\_pizza\_sold from pizza\_sales

****

* **Total orders place**

select COUNT(distinct order\_id) as total\_orders from pizza\_sales

****

* **Average pizzas per order**

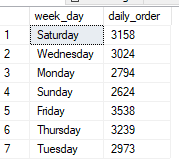
select CAST(CAST(sum(quantity) AS Decimal(10,2)) / CAST(COUNT(distinct order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2)) as avg\_pizza\_per\_order from pizza\_sales

****

**CHARTS REQUIREMENTS**

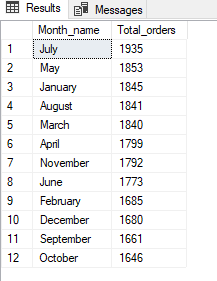
* **Daily trend for total orders:**

SELECT DATENAME(DW, order\_date) as week\_day, COUNT(distinct order\_id) as daily\_order from pizza\_sales GROUP BY DATENAME(DW, order\_date)

****

**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

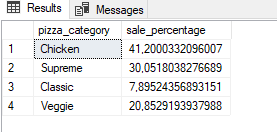
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**Percentage of Sales by Pizza category**

SELECT pizza\_category, SUM(total\_price)\*100/ (SELECT SUM(total\_price) from pizza\_sales) as sale\_percentage

from pizza\_sales

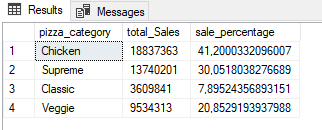
GROUP BY pizza\_category

****

SELECT pizza\_category,SUM(total\_price) as total\_Sales, SUM(total\_price)\*100/ (SELECT SUM(total\_price) from pizza\_sales) as sale\_percentage

from pizza\_sales

GROUP BY pizza\_category

****

**Sales for January**

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 sale\_percentage

from pizza\_sales

WHERE MONTH(order\_date)=1

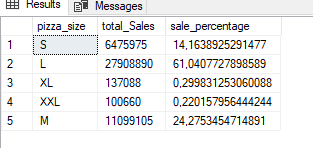
GROUP BY pizza\_category

**Percentage of Sales by Pizza Size**

SELECT pizza\_size,SUM(total\_price) as total\_Sales, SUM(total\_price)\*100/ (SELECT SUM(total\_price) from pizza\_sales) as sale\_percentage

from pizza\_sales

GROUP BY pizza\_size

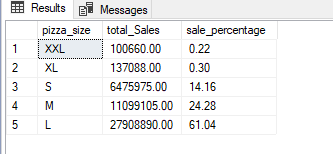
****

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 sale\_percentage

from pizza\_sales

GROUP BY pizza\_size

ORDER BY sale\_percentage

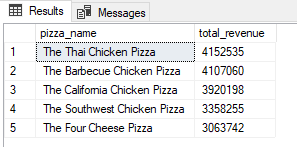
****

**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

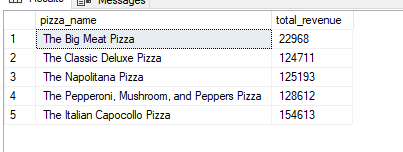
****

**Bottom/worst 5 best sellers by revenue,**

SELECT TOP 5 pizza\_name, sum(total\_price) AS total\_revenue from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue ASC

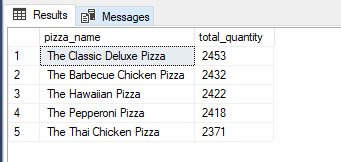
****

**TOP 5 best sellers by Quantity**

SELECT TOP 5 pizza\_name, sum(quantity) AS total\_quantity from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity DESC

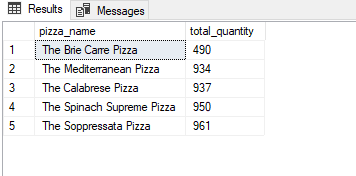
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**Bottom/worst 5 best sellers by quantity,**

SELECT TOP 5 pizza\_name, sum(quantity) AS total\_quantity from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity

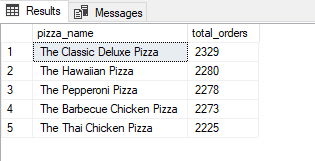
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**TOP 5 best sellers by Order**

SELECT TOP 5 pizza\_name, count(distinct order\_id ) AS total\_orders from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders DESC

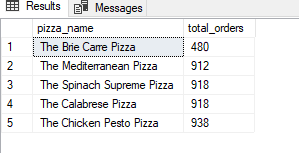
****

**Bottom/worst 5 best sellers by Orders**

SELECT TOP 5 pizza\_name, count(distinct order\_id ) AS total\_orders from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_orders

****