Pizza sales report query

1.total revenue

--Find out Total revenue---

select sum(total\_price) as Total\_Revenue from pizza\_sales

2.Average order values---

---Total average values---

select sum(total\_price)/count(distinct order\_id) as Avg\_ordervalue from pizza\_sales

3.total pizza sold---

---total pizza sold---

select sum(quantity) as Total\_sales from pizza\_sales--49574

4.total order---

--total order placed---

select count(distinct order\_id) as Total\_orders from pizza\_Sales—21350

5.Average pizzas per order---

-- average pizzas per order---

select sum(quantity)/count(distinct order\_id) from pizza\_sales---2

note:---we want in exact decimal form

-- average pizzas per order---

select cast(sum(quantity) as **decimal(10,2))/**CAST(count(distinct order\_id) AS **DECIMAL(10,2**)) from pizza\_sales.

DECIMAL(10,2) MEANS RESULT WILL BE IN 10 DECIMAL PLACES AND OUT OF THAT ONLY 2 DECIMAL PLACES WILL BE SELECTED.

**----------------CHARTS REQUIREMENTS---------**

DAILY TRENDS FOR OUR TOTAL ORDER

SELECT DATENAME(DW,order\_date) as order\_day,count(distinct order\_id) as total\_orders

from pizza\_sales

group by DATENAME(DW,order\_date)

MONTHLY TRENDS FOR OUR TOTAL ORDERS

SELECT DATENAME(month,order\_date) as order\_month,COUNT(DISTINCT ORDER\_ID) from pizza\_sales

group by DATENAME(MONTH,ORDER\_DATE)

ORDER BY COUNT(DISTINCT ORDER\_ID) desc

----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 pct\_sales

from pizza\_sales

group by pizza\_category

note:We need to find category based total sales and them divide it by total sales of pizza irrespective of pizza category.

(select sum(total\_price) from pizza\_Sales)= for getting total sales of pizza

----for a particular month---

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 pct\_sales

from pizza\_sales

where month(order\_date)=1

group by pizza\_category

--for a quarter---

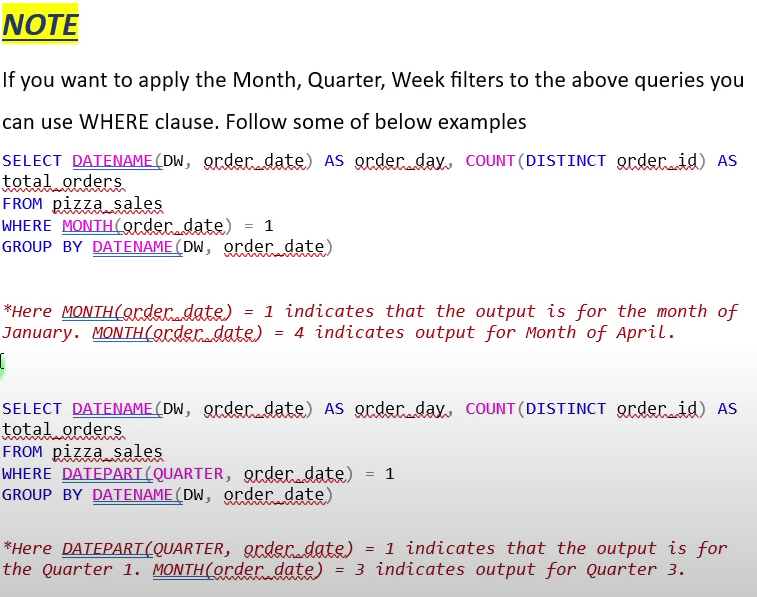
select pizza\_category,sum(total\_price) as total\_sales,sum(total\_price)\*100/(select sum(total\_price) from pizza\_Sales where datepart(quarter,order\_date)=1) as pct\_sales

from pizza\_sales

**where datepart(quarter,order\_date)=1**

group by pizza\_category

note:It is important to add **WHERE** clause inside sub clause as well to get correct and accurate answers



-- 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 pct\_sales

from pizza\_sales

where datepart(quarter,order\_date)=1

group by pizza\_size

order by pct\_sales desc

IMPORTANT

-- top 5 best sellers by revenue,total quantity and total orders---

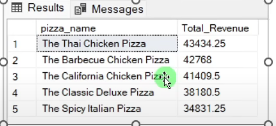
select **top 5** pizza\_name,sum(total\_price) as total\_revenue from pizza\_sales

group by pizza\_name

order by total\_revenue desc

note: for postgre sql use- limit 5

for ms sql use- top 5 after SELECT to get top 5 pizza\_name by revenue



-- bottom 5 BEST SELLING BY total 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 SELLING BY QUANTITY---

select top 5 pizza\_name,sum(quantity) as total\_quantity from pizza\_sales

group by pizza\_name

order by total\_quantity desc

-- bottom 5 BEST SELLING BY QUANTITY---

select top 5 pizza\_name,sum(quantity) as total\_quantity from pizza\_sales

group by pizza\_name

order by total\_quantity asc--- bottom 5

---top 5 best selling pizza 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

---bottom 5 best selling pizza 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 asc

**DASHBOARD FOR PIZZA\_SALES**

* Import data from sql server
* As per client requirements -look for KPI first,clean data,modify data as per requirements.
* Use DAX functions for creating new measures.