

POWER-BI SCENARIO BASED QUESTIONS

QUESTION 19 & 20

- Restrict YTD till last date
- TOTALYTD() in direct query connection

- MAYURI .D.

QUESTION 19

How to restrict YTD till last date only?

SAMPLE TABLES

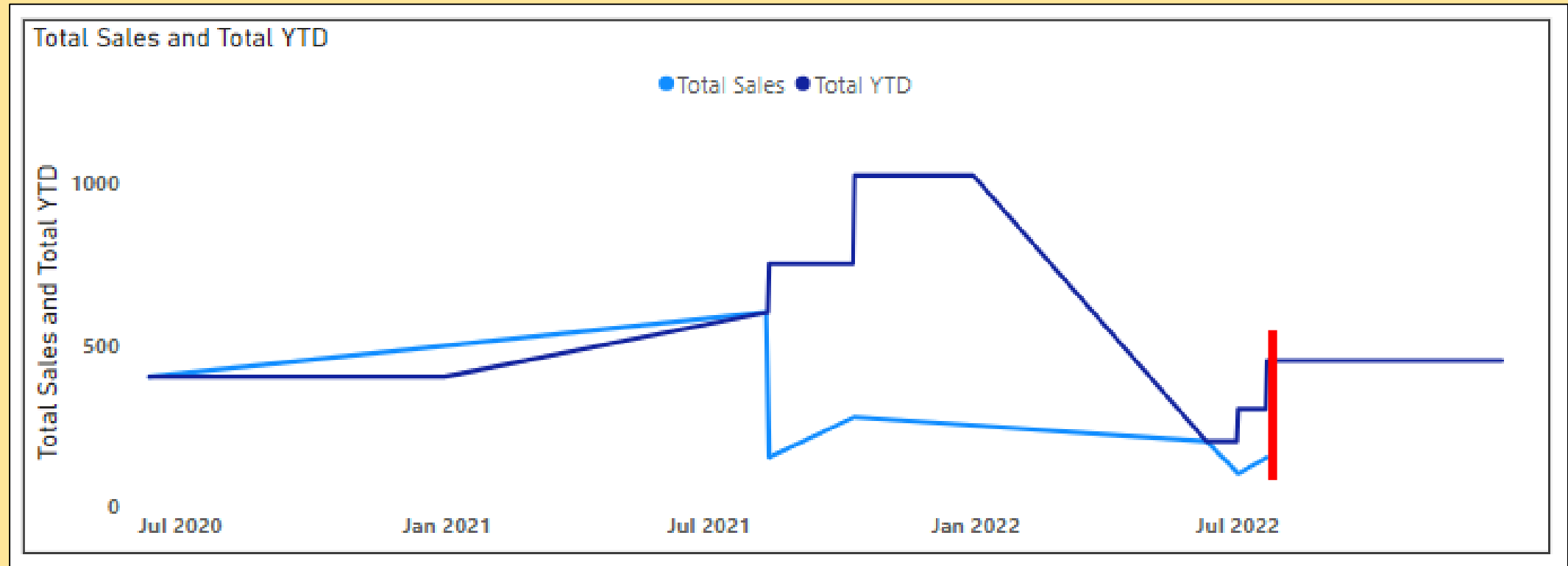
Product ▾	order date ▾	Sales value ▾	Country ▾	Region ▾
A	02 July 2022	100	India	Asia
A	22 July 2022	150	Srilanka	Asia
B	10 June 2020	400	Frace	Europe
B	10 August 2021	600	Germany	Europe
B	10 June 2022	200	Bangladesh	Asia
D	12 August 2021	150	South Africa	Africa
E	10 October 2021	275	Nigeria	Africa

Sales table

Calendar table

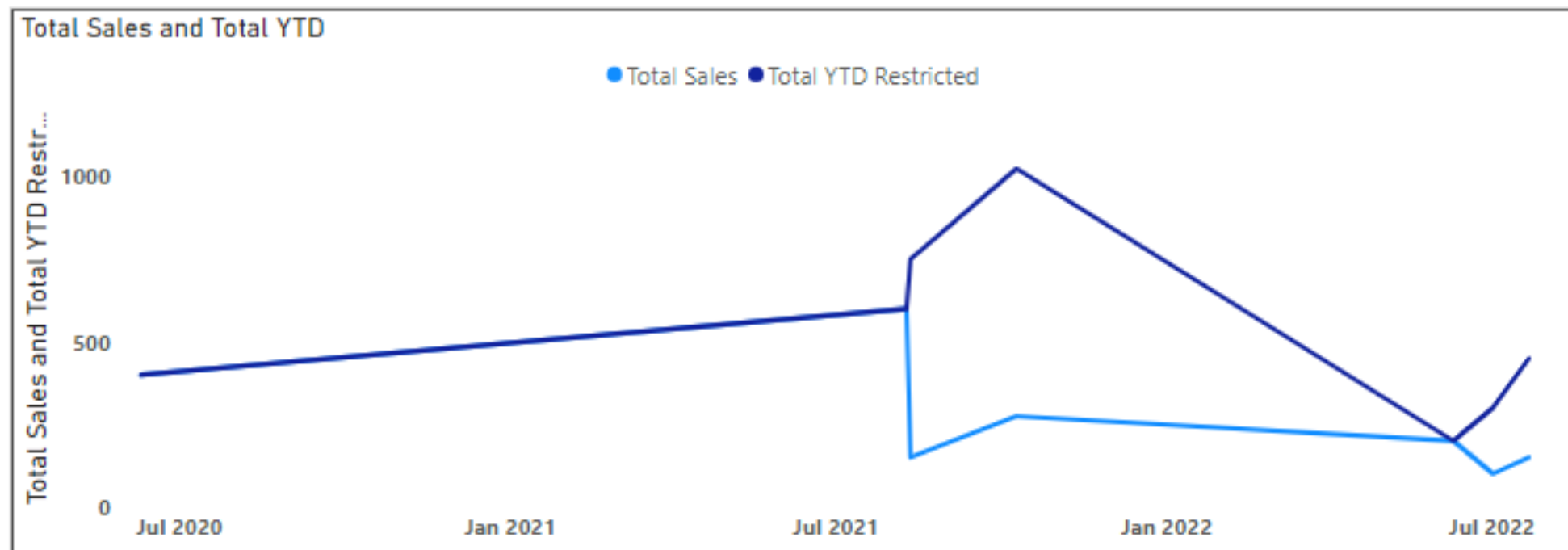
```
1 Calendar table =  
2 var a = CALENDAR(DATE(2020,01,01), DATE(YEAR(TODAY()),MONTH(TODAY()),DAY(TODAY())))  
3 RETURN  
4 GENERATE(a,  
5 var b = [Date]  
6 var c = YEAR([Date])  
7 var d = MONTH([Date])  
8 var e = DAY([Date])  
9 RETURN  
10 ROW("Year", c, "Month no", d, "Day", e))
```

```
1 Total YTD = TOTALYTD([Total Sales],'Calendar table'[Date])
```



Total YTD should be shown till last date only like total sales as highlighted. It should not exceed further till whole month

```
1 Total YTD Restricted =  
2 var max_order_date = MAX(sales[order date])  
3 var total_ytd_restricted = TOTALYTD([Total Sales], 'Calendar table'[Date], 'Calendar table'  
   [Date] <= max_order_date)  
4 RETURN total_ytd_restricted
```



QUESTION 20 Calculate TOTALYTD() in direct query connection.

SAMPLE TABLE

Product ▾	order date ▾	Sales value ▾	Country ▾	Region ▾
A	02 July 2022	100	India	Asia
A	22 July 2022	150	Srilanka	Asia
B	10 June 2020	400	Frace	Europe
B	10 August 2021	600	Germany	Europe
B	10 June 2022	200	Bangladesh	Asia
D	12 August 2021	150	South Africa	Africa
E	10 October 2021	275	Nigeria	Africa

Sales table

Calendar table

```
1 Calendar_table =  
2 var a = CALENDAR(DATE(2020,01,01), DATE(YEAR(TODAY()),MONTH(TODAY()),DAY(TODAY())))  
3 RETURN  
4 GENERATE(a,  
5 var b = [DATE]  
6 var c = YEAR([DATE])  
7 var d = MONTH([DATE])  
8 var e = DAY([DATE])  
9 return  
10 ROW("Year",c, "Month no", d, "Day", e))
```

```
1 Totalytd_direct = CALCULATE([Total Sales], FILTER('Calendar table',  
2 'Calendar table'[Year] = MAX('Calendar table'[Year]) &&  
3 'Calendar table'[Date] <= MAX('Calendar table'[Date])))
```

400

Total YTD

400

Totalytd_direct

THANK YOU

- MAYURI .D.