

Power Bi Dax Calculations:

Fiscal Calculations:

```
FiscalYr =  
if(MONTH('DateTable'[Date])>=4, YEAR('DateTable'[Date]), YEAR(DateTable[Date])-1)  
  
FiscalQtr =  
if(QUARTER('DateTable'[Date])>=2, QUARTER('DateTable'[Date])-1, QUARTER(DateTable[Date])  
+3)  
  
FiscalMonthno =  
if(MONTH('DateTable'[Date])>=4, MONTH('DateTable'[Date])-3, Month('DateTable'[Date])+9)  
  
FY(04-05)=  
var cy =RIGHT(YEAR(DateTable[Date]),2)  
var ly=RIGHT(YEAR(DateTable[Date])-1,2)  
var ny=RIGHT(YEAR(DateTable[Date])+1,2)  
var fiscalyear=  
IF(MONTH(DateTable[Date])>=4,  
cy & "-" & ny,  
ly & "-" & cy  
)  
return  
Fiscalyear
```

Time Intelligence Dax:

MTD Calculations:

Based on date column:

MTD = TOTALMTD([Total Sale], DATESMTD(DimDate[Date]))

Based on year and month column:

```
CM_MTD =  
VAR a = MAX(Datetable[year])  
VAR b = MAX(Datetable[monthno])  
RETURN  
CALCULATE(  
[Total Sales],  
FILTER(  
ALL(Datetable),Datetable[year] = a &&  
Datetable[monthno] = b  
))
```

Previous MTD Calculations:

Based on date column

PM MTD:

```
Sales MTD Previous = CALCULATE(  
    [Sales MTD],  
    DATEADD(DimDate[FullDateAlternateKey], -1, MONTH)  
)
```

Based on year and month column:

PM MTD 2 =

VAR d = MAX(Datetable[year])

VAR m = MAX(Datetable[monthno])

VAR prevMonth = m - 1

-- Find the latest available date in the current month

VAR LatestDateInCurrentMonth = MAX(Datetable[Date])

-- Find the total number of days in the current month

VAR TotalDaysInCurrentMonth = DAY(EOMONTH(LatestDateInCurrentMonth, 0))

-- Find the last available day in the current month

VAR LatestDay = DAY(LatestDateInCurrentMonth)

-- If the current month is fully uploaded, return full previous month

VAR UseFullPreviousMonth = LatestDay = TotalDaysInCurrentMonth

RETURN

```
CALCULATE(  
    [Total Sales],  
    FILTER(  
        ALL(Datetable),  
        Datetable[year] = d &&  
        Datetable[monthno] = prevMonth &&  
        (  
            UseFullPreviousMonth || Datetable[dayno] <= LatestDay  
        )  
    )  
)
```

QTD Calculations:

Based on date column:

```
Sales QTD = CALCULATE (
    [Sales],
    DATESQTD(DimDate[Date])
)
```

Based on year and month column:

QTD Sales =

VAR CurrentYear = MAX(Datetable[Year])

VAR CurrentQuarter = MAX(Datetable[Quarter])

VAR LatestDate = MAX(Datetable[Date])

RETURN

```
CALCULATE(
    [Total Sales], -- Replace with your total sales measure
    FILTER(
        ALL(Datetable),
        Datetable[Year] = CurrentYear &&
        Datetable[Quarter] = CurrentQuarter &&
        Datetable[Date] <= LatestDate
    )
)
```

Previous QTD Calculations:

Based on date column:

```
Sales QTD Previous = CALCULATE (
    [Sales QTD],
    DATEADD(DimDate[FullDateAlternateKey], -1, QUARTER)
)
```

Based on year and month column:

QTD Sales =

VAR CurrentYear = MAX(Datetable[Year])

VAR CurrentQuarter = MAX(Datetable[Quarter])-1

VAR LatestDate = MAX(Datetable[Date])

```

RETURN
CALCULATE(
    [Total Sales], -- Replace with your total sales measure
    FILTER(
        ALL(Datetable),
        Datetable[Year] = CurrentYear &&
        Datetable[Quarter] = CurrentQuarter &&
        Datetable[Date] <= LatestDate
    )
)

```

YTD Calculations:

Based on date column:

```

Sales YTD =
CALCULATE (
    [Sales],
    DATESYTD (DimDate [FullDateAlternateKey])
)

```

Based on year and month column:

```

sales ytd 2 =
VAR CurrentYear = MAX('Datetable'[year])
RETURN
CALCULATE (
    [Total Sales],
    FILTER (
        'Datetable',
        'Datetable'[Year] = CurrentYear
    )
)

```

PreviousYTD Calculations:

Based on date column:

```

Sales YTD Previous =
CALCULATE (
    [Sales YTD],
    DATEADD (DimDate [FullDateAlternateKey], -1, YEAR)
)

```

Based on year and month column:

sales ytd 2 =

```
VAR CurrentYear = MAX('Datetable'[year])-1
```

```
RETURN
```

```
CALCULATE(
```

```
    [Total Sales],
```

```
    FILTER(
```

```
        'Datetable',
```

```
        'Datetable'[Year] = CurrentYear
```

```
    ))
```