DAX FOR ADDING THE NEW COLUMNS IN OUR TABLE:

The column name	DAX

MonthNumber:
To add a month number column in one line
	MonthNumber =
	SWITCH(
	   TRUE(),
	   Sales[Month] = "January", 1,
	   Sales[Month] = "February", 2,
	   Sales[Month] = "March", 3,
	   Sales[Month] = "April", 4,
	   Sales[Month] = "May", 5,
	   Sales[Month] = "June", 6,
	   Sales[Month] = "July", 7,
	   Sales[Month] = "August", 8,
	   Sales[Month] = "September", 9,
	   Sales[Month] = "October", 10,
	   Sales[Month] = "November", 11,
	   Sales[Month] = "December", 12,
	   BLANK()
	)

Quarter:
A three-month financial reporting period within a fiscal year.
	Quarter =
	SWITCH(
	   TRUE(),
	   Sales[MonthNumber] <= 3, "Q1",
	   Sales[MonthNumber] <= 6, "Q2",
	   Sales[MonthNumber] <= 9, "Q3",
	   Sales[MonthNumber] <= 12, "Q4",
	   BLANK()
	)

Unmet Demand: The market need for a product that is not adequately satisfied by current offerings.	Unmet Demand = IF([Quantity] < 0, ABS([Quantity]), 0)
Stock Status: refers to the current availability and quantity of inventory for a product at a given time.	Stock Status = IF([Quantity] < 0, "Stock Issue", "Sufficient Stock")
Adjusted Quantity : Real calculated quantity	Adjusted Quantity = IF(Sales[Quantity] < 0, 0, Sales[Quantity])
Adjusted Sales: Real calculated sales	Adjusted Sales = IF(Sales[Sales] < 0, 0, Sales[Sales])
Losses Due to Unmet Demand in €: are revenue lost when demand exceeds stock, calculated as unmet demand × unit price.	Losses Due to Unmet Demand in € = Sales[Unmet Demand] * Sales[Price]

DAX FOR MEASURES:

```
Average Sales=  = AVERAGE(Sales[Sales])
```

```
Country_Avg_Quantity =
    CALCULATE(AVERAGE('Sales'[Quantity]),
ALLEXCEPT('Sales', 'Sales'[Country]))
```

```
Loss_Performance_Ratio =
DIVIDE(
    SUM(Sales[Losses Due to Unmet Demand in
€]),
    SUM(Sales[Sales]) + SUM(Sales[Losses Due to
Unmet Demand in €]),
    0
)
```

```
SalesTeam_Performance_Ratio =
DIVIDE(
    SUM(Sales[Adjusted Sales]),
    SUM(Sales[Losses Due to Unmet
Demand in €]),
    0
)
```

```
Sales by Channel =
CALCULATE(
    SUM(Sales[Sales]),
    ALLEXCEPT(Sales, Sales[Channel])
)
```

```
Total Sales = SUM(Sales[Sales])
```

```
Total Sales Loss =
CALCULATE(
    SUMX(Sales, ABS(Sales[Sales])),
    Sales[Sales] < 0,
    ALLSELECTED(Sales)
)
```

```
Adjusted Sales Total = SUMX(Sales,
IF(Sales[Sales] < 0, 0, Sales[Sales]))
```

```
Total Unmet Demand =
CALCULATE(
    SUMX(Sales, ABS(Sales[Quantity])),
    Sales[Quantity] < 0
)
```

```
Adjusted Quantity Total = SUMX(Sales,
IF(Sales[Quantity] < 0, 0, Sales[Quantity]))
```