

# Dax Queries using in this Project

**Avg. Sales Value:** AVG. Sales value per order = `sum(classicmodels_sales[sales_value])/ DISTINCTCOUNT(ORDERS[OrderNumber])`

**NetProfit :** `NetProfit = SUM(classicmodels_sales[sales_value])-SUM(classicmodels_sales[cost_of_sales])`

## Sales Value Month over Month %

```
sales_value MoM% =  
IF(  
    ISFILTERED('classicmodels_sales'[orderDate]),  
    ERROR("Time intelligence quick measures can only be grouped or filtered by the Power BI-provided date hierarchy or primary date column."),  
    VAR __PREV_MONTH =  
        CALCULATE(  
            SUM('classicmodels_sales'[sales_value]),  
            DATEADD('classicmodels_sales'[orderDate].[Date], -1, MONTH)  
        )  
    RETURN  
        DIVIDE(  
            SUM('classicmodels_sales'[sales_value]) - __PREV_MONTH,  
            __PREV_MONTH  
        )  
)
```

## Sales Value Year to Date

```
sales_value YTD =  
IF(  
    ISFILTERED('classicmodels_sales'[orderDate]),  
    ERROR("Time intelligence quick measures can only be grouped or filtered by the Power BI-provided date hierarchy or primary date column."),  
    TOTALYTD(  
        SUM('classicmodels_sales'[sales_value]),  
        'classicmodels_sales'[orderDate].[Date]  
    )  
)
```

**Before using these DAX queries, we have to create the table on Power BI for the button in the dashboard.**

NumberID	Control
1	Sales
2	Net profit

## Selected Metrics:

```
Selected Metrics = SWITCH(  
    SELECTEDVALUE('Table'[NumberID]),1,SUM(classicmodels_sales[sales_value])  
    ,2, (SUM(classicmodels_sales[sales_value])-SUM(classicmodels_sales[cost_of_sales]))  
    , SUM(classicmodels_sales[sales_value])  
)
```