Financial Dashboard {DAX- Queries}

Dynamic Tittle :

```
DYNAMIC_TITTLE = SELECTEDVALUE(LINE_SELECTION[TYPE])&" BY DATE"
```

Expense_%:

```
EXPENSE_% = DIVIDE([EXPENSES],[INCOME])
```

EXPENSE_GROWTH% :

```
EXPENSE_GROWTH% = VAR VAL1 =
                CALCULATE([MONTHLY_GROWTH],FINDATA[TYPE]= "EXPENSES")
                RETURN IF(VAL1= BLANK(),0,VAL1)
```

EXPENSES:

```
EXPENSES = CALCULATE([TOTAL_VALUE],FINDATA[TYPE]="EXPENSE")
```

INCOME:

```
INCOME = CALCULATE([TOTAL_VALUE],FINDATA[TYPE]="INCOME")
```

INCOME_CHANGE_MONTH OVER MONTH%:

```
INCOME_CHANGE_MOM% = DIVIDE(FINDATA[INCOME],FINDATA[INCOME_LM])
```

INCOME_GROWTH:

```
INCOME_GROWTH% = VAR VAL = CALCULATE([MONTHLY_GROWTH],
FINDATA[TYPE]= "INCOME")
```

INCOME_LM:

```
INCOME_LM = CALCULATE(FINDATA[INCOME],DATEADD(FINDATA[DATE],-1,
MONTH))
```

LINE_SELECTION_MEASURE:

```
LINE_SELECTION_MEASURE = VAR SELECTED_VALUE=
SELECTEDVALUE(LINE_SELECTION[NO.])
RETURN
        SWITCH(SELECTED_VALUE,1,[INCOME_CHANGE_MOM%],2,[SAVING_%],3,
        [EXPENSE_%])
RETURN
        IF(VAL= BLANK(),0,VAL)
```

MONTH_YEAR:

```
MONTH_YEAR = FORMAT(FINDATA[DATE],"MMM-YY")
```

MONTH_GROWTH:

```
MONTHLY_GROWTH = DIVIDE([SELECTED_MONTH]-
[PY_MONTH_SALE],[PY_MONTH_SALE])
```

```
PREVIOUS_YEAR_MONTH_SALE:
                    PY_MONTH_SALE = VAR PY_MONTH_SALE
                            =PREVIOUSMONTH(SELECTED_DATE[DATE])
                    RETURN
                            CALCULATE(FINDATA[TOTAL_VALUE],FINDATA[DATE]= PY_MONTH_SALE)
```

```
SAVING_%:
                    SAVING_% = DIVIDE([SAVINGS],[INCOME])
```

```
SAVING_GROWTH%:
                    SAVING_GROWTH% = VAR VAL2 =
                            CALCULATE([MONTHLY_GROWTH],FINDATA[TYPE]= "SAVINGS")
                    RETURN
                            IF(VAL2= BLANK(),0,VAL2)
```

```
SAVINGS:
                    SAVINGS = CALCULATE([TOTAL_VALUE],FINDATA[TYPE]="SAVINGS")
```

```
SELECTED_MONTH:
                    SELECTED_MONTH = VAR CY_SELECTED_DATE=
                        SELECTEDVALUE(SELECTED_DATE[MONTH_YEAR])
                    RETURN
                        CALCULATE(FINDATA[TOTAL_VALUE],FINDATA[MONTH_YEAR]
                            =CY_SELECTED_DATE)
```

```
TOTAL_VALUE:
                    TOTAL_VALUE = SUM(FINDATA[VALUE])
```

```
YEAR:
                    YEAR = FORMAT(FINDATA[DATE], "YYYY")
```

```
LINE_SELECTION:
                    LINE_SELECTION = DATATABLE("TYPE",STRING,"NO.",INTEGER,
                        {
                                {"INCOME",1},{"SAVINGS",2}, {"EXPENSES",3}
                        })
```

```
SELECTED_DATE:
                    SELECTED_DATE =
                    SUMMARIZE('FINDATA',FINDATA[DATE],FINDATA[MONTH_YEAR],FINDATA[YEAR])
```