## Day 1 - Workshop 1 - Create 5 new measures using **‘X’ aggregate functions.**

* Create a new measure to calculate **number of transactions**

COUNTROWS =

COUNTROWS ( 'Financials (n=688)' )

* Create a new measure to calculate the **Net Profit**

SUMX of Profit =

SUMX (

'Financials (n=688)',

'Financials (n=688)'[ Sales] - 'Financials (n=688)'[COGS]

)

* Create a new measure to calculate **Profit Loss**

SUMX Profit<\_0 =  
SUMX (  
    FILTER (

'Financials (n=688)',

'Financials (n=688)'[SUMX of Profit] <= 0

),  
'Financials (n=688)'[SUMX of Profit]

)

* Create a new measure to calculate **Profit Gain**

SUMX Profit>0 =

SUMX (  
    FILTER (

'Financials (n=688)',

'Financials (n=688)'[SUMX of Profit] > 0

),  
'Financials (n=688)'[SUMX of Profit]

)

* Create new measure **RANKX** **Product by Profit**

RANKX Product by Profit =

RANKX (

ALL ( 'Financials (n=688)'[Product] ),

[SUMX of Profit],

,

DESC,

DENSE

)

## Day 2 - Workshop 2

* Create a measure **Sales MoM** with the following DAX code:

Sales MoM =

VAR \_\_PREV\_MONTH = CALCULATE(SUM('financials1'[ Sales]), DATEADD('Calendar'[Date], -1, MONTH))

RETURN

    SUM('financials1'[ Sales]) - \_\_PREV\_MONTH