// DAX Query

DEFINE

COLUMN '\_\_SQDS0VisualCalcs'[Anual Salary] =

(/\* USER DAX BEGIN \*/

[Sum of SALARY]\*12

/\* USER DAX END \*/)

VAR \_\_SQDS0Core =

SELECTCOLUMNS(

KEEPFILTERS(

FILTER(

KEEPFILTERS(

SUMMARIZECOLUMNS(

ROLLUPADDISSUBTOTAL(

'Departments'[DEPARTMENT\_NAME], "IsSQDS0GrandTotalRowTotal",

'Merge1'[Employees.FULL\_NAME], "IsDM0Total",

'Merge2'[Employee\_name], "IsDM2Total"

),

"SumSALARY", CALCULATE(SUM('Employees'[SALARY])),

"Minjob\_id1", CALCULATE(MIN('Merge2'[job\_id1])),

"MinJob\_id2", CALCULATE(MIN('Merge2'[Job\_id2])),

"HasDataMerge2", IGNORE(

CALCULATE(NOT(ISEMPTY('Merge2')))

)

)

),

OR(

OR(

NOT(ISBLANK([Minjob\_id1])),

NOT(ISBLANK([MinJob\_id2]))

),

[HasDataMerge2]

)

)

),

"'Departments'[DEPARTMENT\_NAME]", 'Departments'[DEPARTMENT\_NAME],

"'Merge1'[Employees.FULL\_NAME]", 'Merge1'[Employees.FULL\_NAME],

"'Merge2'[Employee\_name]", 'Merge2'[Employee\_name],

"IsSQDS0GrandTotalRowTotal", [IsSQDS0GrandTotalRowTotal],

"IsDM0Total", [IsDM0Total],

"IsDM2Total", [IsDM2Total],

"SumSALARY", [SumSALARY],

"Minjob\_id1", [Minjob\_id1],

"MinJob\_id2", [MinJob\_id2]

)

VAR \_\_SQDS0VisualCalcsInput =

SELECTCOLUMNS(

KEEPFILTERS(

SELECTCOLUMNS(

\_\_SQDS0Core,

"DEPARTMENT\_NAME", 'Departments'[DEPARTMENT\_NAME],

"Employees\_FULL\_NAME", 'Merge1'[Employees.FULL\_NAME],

"Employee\_name", 'Merge2'[Employee\_name],

"IsSQDS0GrandTotalRowTotal", [IsSQDS0GrandTotalRowTotal],

"IsDM0Total", [IsDM0Total],

"IsDM2Total", [IsDM2Total],

"SumSALARY", [SumSALARY],

"Minjob\_id1", [Minjob\_id1],

"MinJob\_id2", [MinJob\_id2]

)

),

"DEPARTMENT\_NAME", [DEPARTMENT\_NAME],

"MANAGER\_NAME", [Employees\_FULL\_NAME],

"Employee\_name", [Employee\_name],

"IsSQDS0GrandTotalRowTotal", [IsSQDS0GrandTotalRowTotal],

"IsDM0Total", [IsDM0Total],

"IsDM2Total", [IsDM2Total],

"Sum of SALARY", [SumSALARY],

"First job\_id1", [Minjob\_id1],

"First Job\_id2", [MinJob\_id2]

)

**TABLE '\_\_SQDS0VisualCalcs' =**

**\_\_SQDS0VisualCalcsInput**

**WITH VISUAL SHAPE**

**AXIS rows**

**GROUP [DEPARTMENT\_NAME] TOTAL [IsSQDS0GrandTotalRowTotal]**

**GROUP [MANAGER\_NAME] TOTAL [IsDM0Total]**

**GROUP [Employee\_name] TOTAL [IsDM2Total]**

**ORDER BY**

**[DEPARTMENT\_NAME] ASC,**

**[MANAGER\_NAME] ASC,**

**[Employee\_name] ASC**

DENSIFY "IsDensifiedRow"

VAR \_\_SQDS0RemoveEmptyDensified =

FILTER(

KEEPFILTERS('\_\_SQDS0VisualCalcs'),

OR(

NOT('\_\_SQDS0VisualCalcs'[IsDensifiedRow]),

NOT(ISBLANK('\_\_SQDS0VisualCalcs'[Anual Salary]))

)

)

VAR \_\_DS0Core =

SELECTCOLUMNS(

KEEPFILTERS(

FILTER(KEEPFILTERS(\_\_SQDS0RemoveEmptyDensified), '\_\_SQDS0VisualCalcs'[IsDM0Total] = TRUE)

),

"'\_\_SQDS0VisualCalcs'[Sum of SALARY]", '\_\_SQDS0VisualCalcs'[Sum of SALARY],

"'\_\_SQDS0VisualCalcs'[Anual Salary]", '\_\_SQDS0VisualCalcs'[Anual Salary],

"'\_\_SQDS0VisualCalcs'[First job\_id1]", '\_\_SQDS0VisualCalcs'[First job\_id1],

"'\_\_SQDS0VisualCalcs'[First Job\_id2]", '\_\_SQDS0VisualCalcs'[First Job\_id2],

"'\_\_SQDS0VisualCalcs'[DEPARTMENT\_NAME]", '\_\_SQDS0VisualCalcs'[DEPARTMENT\_NAME],

"IsGrandTotalRowTotal", '\_\_SQDS0VisualCalcs'[IsSQDS0GrandTotalRowTotal]

)

VAR \_\_DS0PrimaryWindowed =

TOPN(

502,

\_\_DS0Core,

[IsGrandTotalRowTotal],

0,

'\_\_SQDS0VisualCalcs'[Sum of SALARY],

0,

'\_\_SQDS0VisualCalcs'[DEPARTMENT\_NAME],

1

)

EVALUATE

\_\_DS0PrimaryWindowed

ORDER BY

[IsGrandTotalRowTotal] DESC,

'\_\_SQDS0VisualCalcs'[Sum of SALARY] DESC,

'\_\_SQDS0VisualCalcs'[DEPARTMENT\_NAME]