Issue: Circular Dependency

1.Calculated column

sample table:

|  |  |  |  |
| --- | --- | --- | --- |
| id | amount | max1 | max2 |
| 1 | 1000 | 1000 | error |
| 2 | 2000 | 2000 |  |

1. creating same calculated column multiple time will cause circular dependency error

ex: created calculated column

max1 = calculate (max(amount))

max2 = calculate(max(amount)) ---> this will throw error-->A circular dependency was detected: Sheet1[Column], Sheet1[cal1], Sheet1[Column].

2.When using calculate function -> it means the calculation is dependent all the column of the table and giving output.

which means max1 depends on amount and id and gave output .

And when max to try to do the same it takes already created max1 and its already dependent one hence its throwing error.

3. so we can reduce the dependency of column while calculating.  
 we tell the calculated function to calculate the particular column and give out put. Now this will ignore all the column from the table consider only the amount column.

max2 = calculate (max (amount), ALLEXCEPT (Sheet1, Sheet1[AMOUNT]))

|  |  |  |  |
| --- | --- | --- | --- |
| id | amount | max1 | max2 |
| 1 | 1000 | 1000 | 1000 |
| 2 | 2000 | 2000 | 2000 |

2. calculated table:

After creating the calculated table from sheet 1.  
When we try to make relationship between the calculated table and original table on it will create circular dependency. Cos, we have calculated the table and it show the only calculated which mean like a filtered value so when we try to connect it. It mismatches between the table because of blank row.

So, Here we use the function ALLNOBLANKROW.  
Calculated table = CALCULATETABLE(

var mini = Average(Sheet1[AMOUNT])

var result =

SELECTCOLUMNS(

FILTER( ALL(Sheet1),

Sheet1[AMOUNT]>= mini),

"intrst", Sheet1[Interested Product\_3],

"Amount", Sheet1[AMOUNT],

"lastname", Sheet1[Last Name]

)

return result,

'Sheet1'[Product Company Name] ="Kodak"

)

Instead of this We make This code and it will let us make relation ship

Calculated table = CALCULATETABLE(

var mini = Average(Sheet1[AMOUNT])

var result =

SELECTCOLUMNS(

FILTER( ALLNOBLANKROW(Sheet1),

Sheet1[AMOUNT]>= mini),

"intrst", Sheet1[Interested Product\_3],

"Amount", Sheet1[AMOUNT],

"lastname", Sheet1[Last Name]

)

return result,

FILTER

(ALLNOBLANKROW(Sheet1[Product Company Name]),

'Sheet1'[Product Company Name] ="Kodak"

))