Dax Studio is a very powerful tool which can used for creating and debugging

Working with an existing measure. Below is an example of an existing measure which we want to work within Dax Studio

CriticalCvePercentage =

VAR \_VulSevLvl = "Critical"

VAR \_Count =

CALCULATE (

COUNT ( CVE\_KB[CVE\_KB\_ID] ),

FILTER ( CVE\_KB, [VulnerabilitySeverityLevel] = \_VulSevLvl )

) //return zero if the value is null

VAR \_CountValue =

COALESCE ( \_Count, 0 )

VAR \_Percentage =

DIVIDE ( \_CountValue, CVE\_KB[CveIDCount], 0 )

RETURN

\_Percentage

To work with this in Dax Studio there are a couple of things that require to be done.

First comment out the first line which is the measure name.

The last line after RETURN which is \_Percentage requires to be commented out.

To get the value from the variable returned then you need to use the ROW() function

ROW(<name>, <expression>)

**Parameters**

|  |  |
| --- | --- |
| Term | Definition |
| (<name> | The name given to the column, enclosed in double quotes. |
| <expression> | Any DAX expression that returns a single scalar value to populate. name. |

**//CriticalCvePercentage =**

VAR \_VulSevLvl = "Critical"

VAR \_Count =

CALCULATE (

COUNT ( CVE\_KB[CVE\_KB\_ID] ),

FILTER ( CVE\_KB, [VulnerabilitySeverityLevel] = \_VulSevLvl )

)

//return zero if the value is null

VAR \_CountValue =

COALESCE ( \_Count, 0 )

VAR \_Percentage =

DIVIDE ( \_CountValue, CVE\_KB[CveIDCount], 0 )

RETURN

**// \_Percentage**

ROW("\_Percentage", \_Percentage)

The above example will return the value of the variable \_Percentage.