

DAX - Data Analysis Expression

It is a formula expression language used to analyse service. It is used to create collection and constraints that can be used in formula or Expression. To calculate return one or more value. Dax help in create a new information from data already model.

M-language used in DAX & Power Query

Maths language \rightarrow M language

Dax Structure:

Dax has 3 inbuilt functions and operators which are clubbed together and use individually to create final Dax formula

column-name = column name1 * column name2

measure-name = Average (column name)

Dax operator:-

Arithmetic (+ - * / ^)

Comparison (= < > >= <= <> ==)

Text Concatenate Operator (&)

Logical Operator (&& || IN)

When we want a calculation to be done on a row level basis then we enter dax into calculated column.

When we want to do a calculation on an aggregate level and don't particularly want to store information on row level basis in

comparison of two columns, measures don't
create physical value in table, hence don't
increase file size.