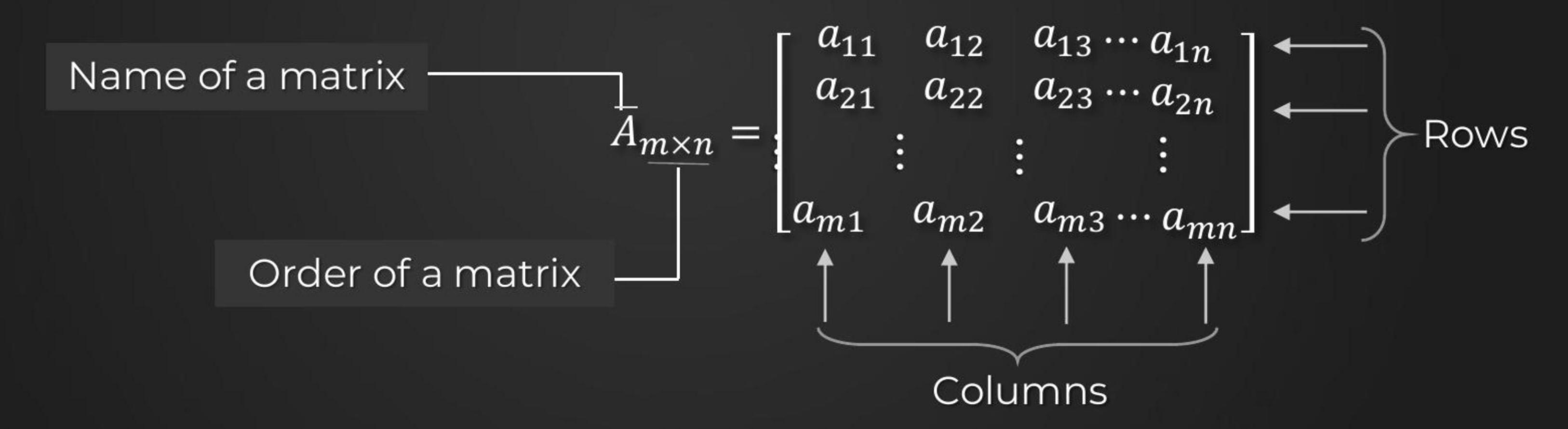




## Order of a matrix

Order or dimension of a matrix denotes the arrangement of elements as number of rows and number of columns.

• Order = Number of rows  $\times$  Number of columns =  $m \times n$ 



• Thus, a matrix can also be represented as  $A = \left[a_{ij}\right]_{m \times n}$  or  $(a_{ij})_{m \times n}$