



## Vertical Matrix

A matrix of order  $m \times n$  is known as vertical matrix if  $m > n$ , where  $m$  is equal to the number of rows and  $n$  is equal to the number of columns.

Example: 
$$\begin{bmatrix} 2 & 5 \\ 1 & 1 \\ 3 & 6 \\ 2 & 4 \end{bmatrix}$$

- In the matrix example given the number of rows ( $m$ ) = 4, whereas the number of columns ( $n$ ) = 2.

Therefore, this makes the matrix a vertical matrix.