Element wise multiplication

In element wise multiplication, corresponding elements of 2 vectors are multiplied to form a new vector of the same dimention.

$$A = \begin{bmatrix} 1 \\ 2 \\ 3 \end{bmatrix} \quad B = \begin{bmatrix} 3 \\ 4 \\ 5 \end{bmatrix} \quad A \otimes B = \begin{bmatrix} 3 \\ 8 \\ 15 \end{bmatrix} \Rightarrow Dimension$$

Application Data Science

Feature engineering



