



Key Takeaways



Multiplication of Matrix:

Matrix Multiplication :

- Product of two matrices A & B will exist only when number of columns of A is same as number of rows of B .

i.e. let $A = [a_{ij}]_{m \times p}$ and $B = [b_{ij}]_{p \times n}$

$$A_{m \times p} \cdot B_{p \times n} = C_{m \times n} = [c_{ij}]_{m \times n}, \text{ where } c_{ij} = \sum_{k=1}^p a_{mk} b_{kn}$$