## A MINI PRESENTATION ON MATRICES

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## SLIDE

## MATRIX

A matrix is a rectangular arrangement of numbers in horizontal rows and vertical columns enclosed within brackets. It is denoted by $\mathrm{A}, \mathrm{B}, \mathrm{C}, \mathrm{D} \ldots \ldots$.

- A matrix having only one row
- A matrix having only one column
- A matrix with all the elements as zero
- It is represented by ' $O$ '
- A matrix with equal number of rows and columns


## TYPES OF MATRICES

- A square matrix with the elements above or below the main diagonal as zero
- A square matrix with all the elements other than the main diagonal elements as zero
- A diagonal matrix with all the diagonal elements being equal
- A scalar matrix with all the diagonal elements being equal to one


## Thank you

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