Data Structure and Algorithm

Data Structure :

- Way of organizing and storing data so that it can be accessed and modified efficiently.
- Data Structure defines the layout of data in memory and help improve the performance of operations like searching, sorting and inserting.
- Examples :
    - Array
    - linked List
    - Trees
    - Graphs

Algorithms :
- A finite sequence of well-defined instructions to solve a problem or perform a task.
- Algorithm are focused on optimizing time and space.
- Examples :
    - Searching
    - Sorting

Why DSA?
- For Optimization.