Data Structure

What is data structure?

= Data structure is a storage that is used to store and organize data. It is a way of arranging data on a computer so that it can be accessed and updated efficiently.

Types of data structures :

* Linear Data Structure
* Non-linear data structure
* Linear Data Structure:
* Array data Structure
* Stack data structure
* Queue data structure
* Linked list data structure
* Non-linear Data Structure:
* Graph data structure
* Spanning Tree and Minimum Spanning Tree
* Strongly Connected Components
* Adjacency Matrix
* Adjacency List
* Tree data structure
* Binary Tree
* Binary Search Tree
* AVL Tree
* B-Tree
* B+ Tree
* Red-Black Tree