TREE -HIERARCHICAL DATA STRUCTURE

1. Tree Vocabulary

Root= Topmost Node

Children= element those have a parent (Upper Node or branch of some node)

Parent=Having Nodes Branches (Or children)

Why Trees:

Access - Moderate Trees>linked List, Trees<Arrays

Insertion/deletion Trees>Array, Trees<Unordered Linked list

Don’t have node limit like ll unliked arr

Binary Tree ---- Parent of 2 children

Structure of Binary Tree

Struct node {  
 int data;

Struct node\*left; ------Left children

Struct node\*right -------Right children

}