**Types of Datastructure:**

**Primitive** and **Non primitive**

Primitive : Int, Float, String, Boolean

Non Primitive : Non primitive has below ones.

Linear: List, Tuple, Dict, Array, Linked List, Stack, Queue

Non-Linear: Set, Dict, Tree, Graph

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**Types of Algorithms:**

1. ***Sorting****: To sort data in ascending or descending order.*
2. ***Search****: To find a specific value in a dataset.*
3. ***Graph****: To work with data that can be represented as graph.*
4. ***Dynamic programming****: To solve problem by breaking them into the smaller sub problems.*
5. ***Divide and Conquer****: To solve problems by breaking them into smaller sub problems, solving each problem independently then combining the result.*
6. ***Recursive****: To solve problems by breaking them into smaller sub problems that similar in nature.*