

# Data Structures

## Linear DS

1. Array
2. Linked List
3. Stack
4. Queue
5. String

## Non-linear DS

1. Tree
2. Graph

## Dynamic Programming

### Tries

## Approaches:-

1. Two pointer
2. Hashing
3. Sliding Window

## Top 7 Algorithms for Coding Interviews

1. Binary Search
2. DFS
3. BFS
4. Insertion Sort
5. Merge Sort
6. Quick Sort
7. Greedy

## Top 7 Data Structures for Interviews

1. Arrays
2. Linked Lists
3. HashMaps
4. Stacks
5. Queues
6. Trees
7. Graphs