**Patterns to follow when doing DSA :**

1. **2 Pointer Problems**

<https://leetcode.com/discuss/study-guide/1688903/Solved-all-two-pointers-problems-in-100-days>

1. **Backtracking Pattern**  
   <https://medium.com/leetcode-patterns/leetcode-pattern-3-backtracking-5d9e5a03dc26>
2. **Dynamic Programming Patterns**  
   <https://leetcode.com/discuss/study-guide/458695/Dynamic-Programming-Patterns>
3. **Dynamic Programming Patterns 2**  
   <https://leetcode.com/discuss/study-guide/1437879/Dynamic-Programming-Patterns>
4. **Powerful Ultimate Binary Search Template**

<https://leetcode.com/discuss/study-guide/786126/Python-Powerful-Ultimate-Binary-Search-Template.-Solved-many-problems>

1. **A general approach to backtracking questions**

<https://leetcode.com/problems/permutations/solutions/18239/A-general-approach-to-backtracking-questions-in-Java-(Subsets-Permutations-Combination-Sum-Palindrome-Partioning)/>

1. **Binary Tree Traversal & Views**

<https://leetcode.com/discuss/study-guide/937307/Iterative-or-Recursive-or-DFS-and-BFS-Tree-Traversal-or-In-Pre-Post-and-LevelOrder-or-Views>

1. **Graph For Beginners [Problems | Pattern | Sample Solutions]**

<https://leetcode.com/discuss/study-guide/655708/Graph-For-Beginners-Problems-or-Pattern-or-Sample-Solutions>

1. **A comprehensive guide and template for monotonic stack based problems**

<https://leetcode.com/discuss/study-guide/2347639/A-comprehensive-guide-and-template-for-monotonic-stack-based-problems>

1. **All Types of Patterns for Bits Manipulations and How to use it**

<https://leetcode.com/discuss/study-guide/4282051/all-types-of-patterns-for-bits-manipulations-and-how-to-use-it>

1. **Collections of Important String questions Pattern**  
   <https://leetcode.com/discuss/study-guide/2001789/Collections-of-Important-String-questions-Pattern>
2. **Leetcode Pattern 1 | BFS + DFS == 25% of the problems**

<https://medium.com/leetcode-patterns/leetcode-pattern-1-bfs-dfs-25-of-the-problems-part-1-519450a84353>

1. **template that can solve most 'substring' problems**  
   <https://leetcode.com/problems/minimum-window-substring/solutions/26808/Here-is-a-10-line-template-that-can-solve-most-'substring'-problems/>
2. **C++ Maximum Sliding Window Cheatsheet Template**

<https://leetcode.com/problems/frequency-of-the-most-frequent-element/solutions/1175088/C++-Maximum-Sliding-Window-Cheatsheet-Template/>