

## Stoodi Plan

### ① Topics to be covered

- ↳ DP + Recursion + DnQ
- ↳ Bit Manipulation
- ↳ Binary Search + Two pointer
- ↳ Maths (Number theory + Combinatorics)
- ↳ Meet in the middle + PHP
- ↳ Greedy
- ↳ Graph + Trees (CP + DSA)
- ↳ Segment Tree
- ↳ String Algo + Trie
- ↳ Euler tour
- ↳ Probability + Game theory + Linear Algebra  
↳ & Statistics + Concepts of ML

(After  
25<sup>th</sup> May)

(for Data + Quant)

- 1st deadline → 12<sup>th</sup> May, 2023  
Topics → Bin. search, Two pointers, Bit Manipulation  
DnQ
- 2<sup>nd</sup> deadline → 25<sup>th</sup> May, 2023  
Topics → Greedy + Meet in the middle + PHP + Maths  
+ Graph basics

Continue DP from first day itself (start with Recursion)

Pomarell:-

100%

- ✓ ① Interviewbit → After first deadline
- ✓ ② leetcode → Fraz sheet / striver sheet + contests
- ③ Codechef → contests + questions
- ✓ ④ Codeforces → contests (Till specialist / Experts)
  - Line
  - virtual
  - + Questions
- ✓ ⑤ CSES → (DP + Graphs / Tree)
- ✓ ⑥ Atcoder → DP qs. + Contest

Sources :-

① A2    ② GFG (for videos)

③ Youtube (Errichto → Bin. Search / DP / Graphs, striver → Bit Manip)

④ CP - Algorithms . com

⑤ Cf - blogs