



[◀ Back to Study Plan](#)

Data Structure



In computer science, a data structure is a way to store and organize data.

... Expand ⇤



Data Structure III Premium

Easy

Medium

Hard

DS III

0
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5

0
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37

0
—
18

1 / 28
days

Day 1 Array

325. Maximum Size Subarray Sum Equals k

Medium

Array Hash Table

Acceptance 48.5%

[Start Now »](#)

1151. Minimum Swaps to Group All 1's Together

Medium

Array Sliding Window

Acceptance 59.0%

[Start Now »](#)

Day 2 Array

1588. Sum of All Odd Length Subarrays

Easy

Array Math Prefix Sum

Acceptance 82.5%

Locked

452. Minimum Number of Arrows to Burst Balloons

Medium

Array Greedy Sorting

Acceptance 50.7%

Locked

Day 3 Array

128. Longest Consecutive Sequence

Medium

Array Hash Table Union Find



454. 4Sum II

Medium

Array Hash Table

Acceptance 55.6%

Locked

448. Find All Numbers Disappeared in an Array

Easy

Array Hash Table

Acceptance 58.2%

Locked

Day 4 String

1427. Perform String Shifts

Easy

Array Math String

Acceptance 53.8%

Locked

409. Longest Palindrome

Easy

Hash Table String Greedy

Acceptance 52.8%

Locked

Day 5 String

187. Repeated DNA Sequences

Medium

Hash Table String Bit Manipulation Sliding Window Rolling Hash

Acceptance 43.2%

Locked

5. Longest Palindromic Substring

Medium

String Dynamic Programming

Acceptance 31.5%

Locked

Day 6 String

44. Wildcard Matching

Hard

String Dynamic Programming Greedy Recursion

Acceptance 26.2%

Locked

214. Shortest Palindrome

Hard

String Rolling Hash String Matching Hash Function

Acceptance 31.4%

Locked

Day 7 Linked List



LEETCODE LIST MATH TWO POINTERS

Acceptance 53.1%

Locked

369. Plus One Linked List

Medium

Linked List Math

Acceptance 60.0%

Locked

Day 8 Linked List

148. Sort List

Medium

Linked List Two Pointers Divide and Conquer Sorting Merge Sort

Acceptance 49.1%

Locked

138. Copy List with Random Pointer

Medium

Hash Table Linked List

Acceptance 44.8%

Locked

430. Flatten a Multilevel Doubly Linked List

Medium

Linked List Depth-First Search Doubly-Linked List

Acceptance 58.5%

Locked

Day 9 Stack / Queue

281. Zigzag Iterator

Medium

Array Design Queue Iterator

Acceptance 60.6%

Locked

394. Decode String

Medium

String Stack Recursion

Acceptance 54.8%

Locked

Day 10 Stack / Queue

739. Daily Temperatures

Medium

Array Stack Monotonic Stack

Acceptance 66.4%

Locked

42. Trapping Rain Water

Hard

Array Two Pointers Dynamic Programming Stack Monotonic Stack



Day 11 Stack / Queue

402. Remove K Digits

Medium

String Stack Greedy Monotonic Stack

Acceptance 29.0%

Locked

456. 132 Pattern

Medium

Array Binary Search Stack Monotonic Stack Ordered Set

Acceptance 30.7%

Locked

Day 12 Stack / Queue

84. Largest Rectangle in Histogram

Hard

Array Stack Monotonic Stack

Acceptance 39.1%

Locked

862. Shortest Subarray with Sum at Least K

Hard

Array Binary Search Queue Sliding Window Heap (Priority Queue)

Acceptance 25.9%

Locked

Day 13 Tree

1602. Find Nearest Right Node in Binary Tree

Medium

Tree Breadth-First Search Binary Tree

Acceptance 73.8%

Locked

1469. Find All The Lonely Nodes

Easy

Tree Depth-First Search Breadth-First Search Binary Tree

Acceptance 81.0%

Locked

Day 14 Tree

1522. Diameter of N-Ary Tree

Medium

Tree Depth-First Search

Acceptance 72.1%

Locked

337. House Robber III

Medium

Dynamic Programming Tree Depth-First Search Binary Tree

Acceptance 52.5%

Locked



1325. Delete Leaves With a Given Value

Medium

Hash Table Tree Depth-First Search Breadth-First Search Binary Tree

Acceptance 74.7%

Locked

366. Find Leaves of Binary Tree

Medium

Tree Depth-First Search Binary Tree

Acceptance 75.4%

Locked

Day 16 Tree

124. Binary Tree Maximum Path Sum

Hard

Dynamic Programming Tree Depth-First Search Binary Tree

Acceptance 36.9%

Locked

968. Binary Tree Cameras

Hard

Dynamic Programming Tree Depth-First Search Binary Tree

Acceptance 41.2%

Locked

Day 17 Graph / Union Find

886. Possible Bipartition

Medium

Depth-First Search Breadth-First Search Union Find Graph

Acceptance 46.4%

Locked

787. Cheapest Flights Within K Stops

Medium

Dynamic Programming Depth-First Search Breadth-First Search Graph

Acceptance 36.7%

Locked

Day 18 Graph / Union Find

261. Graph Valid Tree

Medium

Depth-First Search Breadth-First Search Union Find Graph

Acceptance 44.8%

Locked

547. Number of Provinces

Medium

Depth-First Search Breadth-First Search Union Find Graph

Acceptance 62.2%

Locked



990. Satisfiability of Equality Equations

Medium

Array String Union Find Graph

Acceptance 49.1%

Locked

1319. Number of Operations to Make Network Connected

Medium

Depth-First Search Breadth-First Search Union Find Graph

Acceptance 56.5%

Locked

Day 20 Graph / Union Find

305. Number of Islands II

Hard

Array Union Find

Acceptance 39.3%

Locked

1579. Remove Max Number of Edges to Keep Graph Fully Traversable

Hard

Union Find Graph

Acceptance 49.0%

Locked

Day 21 Graph / Union Find

323. Number of Connected Components in an Undirected Graph

Medium

Depth-First Search Breadth-First Search Union Find Graph

Acceptance 59.9%

Locked

1101. The Earliest Moment When Everyone Become Friends

Medium

Array Union Find

Acceptance 63.9%

Locked

Day 22 Priority Queue

253. Meeting Rooms II

Medium

Array Two Pointers Greedy Sorting Heap (Priority Queue)

Acceptance 48.5%

Locked

23. Merge k Sorted Lists

Hard

Linked List Divide and Conquer Heap (Priority Queue) Merge Sort

Acceptance 45.1%

Locked

Day 23 Priority Queue



Array Binary Search Sorting Heap (Priority Queue) Matrix

Acceptance 58.6%

Locked

295. Find Median from Data Stream

Hard

Two Pointers Design Sorting Heap (Priority Queue) Data Stream

Acceptance 49.5%

Locked

Day 24 Priority Queue

358. Rearrange String k Distance Apart

Hard

Hash Table String Greedy Sorting Heap (Priority Queue) Counting

Acceptance 36.3%

Locked

759. Employee Free Time

Hard

Array Sorting Heap (Priority Queue)

Acceptance 70.3%

Locked

218. The Skyline Problem

Hard

Array Divide and Conquer Binary Indexed Tree Segment Tree Line Sweep

Acceptance 37.9%

Locked

Day 25 Ordered Set

1756. Design Most Recently Used Queue

Medium

Array Hash Table Stack Design Binary Indexed Tree Ordered Set

Acceptance 77.8%

Locked

729. My Calendar I

Medium

Design Segment Tree Ordered Set

Acceptance 54.7%

Locked

1606. Find Servers That Handled Most Number of Requests

Hard

Array Greedy Heap (Priority Queue) Ordered Set

Acceptance 39.3%

Locked

Day 26 Prefix Tree

208. Implement Trie (Prefix Tree)

Medium

Hash Table String Design Trie



211. Design Add and Search Words Data Structure

Medium

String Depth-First Search Design Trie

Acceptance 42.6%

Locked

Day 27 Prefix Tree

1858. Longest Word With All Prefixes

Medium

Depth-First Search Trie

Acceptance 65.5%

Locked

212. Word Search II

Hard

Array String Backtracking Trie Matrix

Acceptance 38.4%

Locked

Day 28 Prefix Tree

336. Palindrome Pairs

Hard

Array Hash Table String Trie

Acceptance 36.3%

Locked

642. Design Search Autocomplete System

Hard

String Design Trie Data Stream

Acceptance 47.7%

Locked

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