Data Structures & Algorithms Complete Course

Learn about Sorting Algorithms, Searching Algorithms, basic and advanced Data Structures in this amazing Tutorial series.

Course Structure →

Basics of DS and Algo.

- Introduction to Data Structures
- Asymptotic Notations
- Space Complexity of Algorithms
- Time Complexity of Algorithms

Basic Algorithms

- Introduction to Search Algorithms
- Linear Search
- Binary Search
- Introduction to Sorting
- Bubble Sort
- Insertion Sort
- Selection Sort
- Quick Sort
- Merge Sort
- Heap Sort

Data Structures

- Stack Data Structure
- Queue Data Structure
- Queue using Stack
- Introduction to Linked List
- Linear Linked List
- <u>Circular Linked List</u>

 Davida Freded Over
- Double Ended Queue
- Stack using QueueStack using Linked List
- Doubly Linked List
- Introduction to Binary Tree
- Binary Search Tree
- Greedy Algorithm
- Activity Selection Problem
- Prim's Minimum Spanning Tree
- Huffman Coding
- Dijkstra's Algorithm