DSA with Python

This Python course on Data Structures and Algorithms covers data structures such as linked lists, stacks and queues, binary search trees, heaps, searching, and hashing. This course covers a variety of sorting algorithms, as well as their implementation and analysis. The following topics are covered with Python implementation in this Data Structures in Python course. Analysis of Algorithms, Big O notation, Time Complexity, Singly Linked List, Doubly linked list, Trees, Heaps, Hashing and Sorting algorithms.

Instructors:

Hitesh Choudhary:

I like to make videos related to code and tech in my free time. I also lead a few tech teams in startups, help in hiring talent for companies. I am also on a part time traveller, with 31 countries checked off so far!

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Curriculum:

•Big O notation

•Time and space complexity

•DSA problem solving

•Stacks and heaps

•Physical and logical strcutures

•Abstract data types

•Recursion

•Linked Lists

- Stacks

- Queues

- Trees

- Hashing

- AVL trees

- Heaps

- Sorting

Requirements:

- System with minimum i3 processor or better

- At least 4 GB of RAM

- Working internet connection

- Dedication to learn