

Data Structures and Algorithms using python

The Data Structure and Algorithm program focused on learning algorithmic strategies for addressing a myriad of challenges while having complete control of memory and time. Develop a thorough understanding of how data structures work and how to create efficient algorithms.

Instructors:

Priya Bhatia:

Expertise in data structure competitive programming and solving analytical problems and implementing data structure algorithm in multiple programming language. I have done my M.Tech in Artificial Intelligence at IIT Hyderabad and have an experience of implementation in multiple projects.

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Curriculum:

- Acquire knowledge of various popular algorithms like hash-table, Binary Search, Merge Sort and more
- Dynamic programming
- Develop some analytical skills and use them efficiently in Data Structure Algorithms
- Acquire knowledge on various Sorting Algorithms
- Implementation of Data Structures by using Python

Requirements:

- A system with Internet Connection
- Basic knowledge of Python