

# DSA for FAANG preparation with Python and JavaScript Tech Neuron

A comprehensive chase to excel any interview for the Data Structures and Algorithms. This course has been specifically designed to provide resources that would assist you in cracking problem-solving interviews. The presented problems in the course would suffice to look on to positive outcomes in the interviews.

## 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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### 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!

- linkedin: <https://www.linkedin.com/in/hiteshchoudhary/>
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### Anurag Tiwari:

Hey, I am Anurag Tiwari, a developer at learncodeonline. We have built a scalable system handled by 300K users on a daily basis. I'm a software developer who constantly seeks innovative solutions to everyday problems. I have been teaching students for the last 24 months.

**Curriculum:**

- Analysis in Algorithms
- Data Structure Introduction
- Array Data Structure
- Interview Question on array
- Recursion in depth
- Divide and Conquer algorithm
- Applications of Divide and Conquer
- Linked List Data Structure
- Interview Question on Linked List
- Circular Linked List
- Doubly Linked List
- Skip List
- Stack and Queue
- Interview Question on Stack and Queue
- Hashing Data Structure
- Collision Resolution Techniques
- Tree Data Structure
- Tree Traversal
- Binary Search Tree
- Height Balanced Tree: AVL Tree

**Requirements:**

- System with Internet Connection
- Interest to learn
- Dedication