Mindluster Platform

About the course Python algorithms

Course Presenter : Kenny Yip Coding

Python algorithms, in this course we will learn about Python algorithms, focusing on how to design, implement, and optimize algorithms for various tasks. Youâ€™ll begin with the basicsâ€”understanding algorithm efficiency, Big O notation, and simple algorithms like searching and sorting. Then, youâ€™ll progress to more advanced topics, including recursion, divide and conquer, greedy methods, dynamic programming, and graph algorithms. Each concept is explained with real-world examples and hands-on coding exercises to reinforce learning. The course also includes problem-solving techniques to help you approach algorithmic challenges with confidence. By the end, youâ€™ll be able to write optimized Python code to solve problems commonly found in technical interviews and competitive programming. Whether you're preparing for a job or looking to deepen your skills, this course will strengthen your algorithmic thinking in Python. Kenny Yip Coding

Programming Category's Courses

Course Lesson(8)

Lesson 1 : **How to set up Python on Visual Studio Code**

Lesson 2 : **What is Run Time Complexity**

Lesson 3 : **Different Run Time Complexities in Programming**

Lesson 4 : **Find the Factors of Given Number**

Lesson 5 : **Two Sum with Sorted Array**

Lesson 6 : **Linear Search in Python**

Lesson 7 : **Space Complexity of Algorithms**

Lesson 8 : **Binary Search in Python**

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