

Introduction to Data Structures & Algorithms

CodeWithHarry

Course Introduction

This course is designed for placement preparation and will mainly cover data structures and algorithms using C and C++. Even if you do not know C++, you will still be able to follow along easily. The notes will be made available as a PDF in the description below.

Data Structures and Algorithms

Data structures are used to arrange data in main memory for efficient usage while algorithms are a sequence of steps to solve a given problem. In this course, we will cover arrays, linked lists, and graphs as examples of data structures and dive into solving problems using different algorithms.

Programming Languages

C and C++ will be the primary languages used in this course but Java can also be used to implement the algorithms. I do not recommend Python or JavaScript for beginners but rather suggest learning C to get a solid foundation in programming.

Conclusion

Learning data structures and algorithms is a responsibility and I will teach this course in a way that is easy to understand for beginners. Don't worry if you make mistakes or have trouble at first, just follow along step by step and everything will become clear.

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