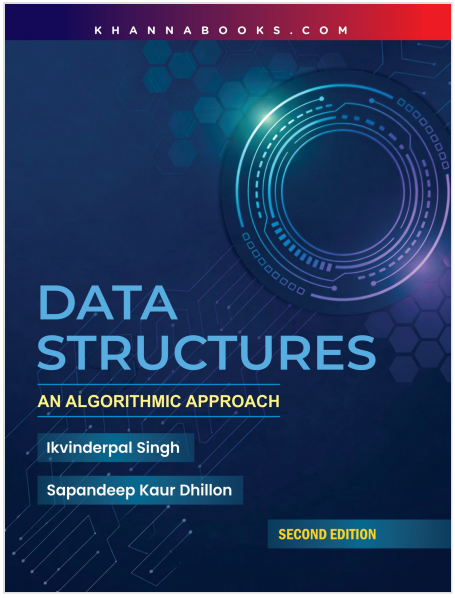

Data Structures - An Algorithmic Approach

by Ikvinderpal Singh, Sapandeep Kaur Dhillon

ISBN-13	9789374544884
ISBN-10	9374544881
Edition	Second
Format	Both
Publishing Year	2026
Categories	Computer Science Engineering, Book Store
Original Price	~~₹1,395.00~~
Discounted Price	**₹1,046.25**
Stock Status	**In Stock (2 available)**

Description

Written with the beginner in mind, this book provides an exceptionally clear and precise detail of c++ programming. Its approach is explanatory and language is lucid and communicable. Each and every concept described with the help of its pictorial representation, examples, and solved programming to have clear ideas. Each chapter contains programming problems, objective type questions, and exercises. This book will be useful for student of BE(Computer/Electronics), B. tech, ME(Computer/Electronics), M. Tech, MCA, BCA, M.Sc., B.Sc., and also to students pursuing A/B/C-level Course of DOEACC. Salient Features

- Each chapter begins with an outline and overview, and a list of learning objectives.
- Extensive coverage of Data structure basics, pictorial representation of each and every data structures is given in detail.
- Demonstrates the development of algorithms in a lucid manner.
- Includes numerous illustrative examples to understand the topic easily.
- Demonstrates the implementation of algorithms in a good programming style.
- Objective-type questions have been provided.
- Around 200 algorithms are included.
- Diagrams are used extensively throughout the text.
- Contains numerous theory questions at the last of each chapter.

- Gives detailed description of arrays, stack and queues in lucid manner.
- Covers all tree structures like binary tree, binary search trees, AVL, B+ tree and red black trees in detail.
- Detailed analysis of each and every sorting and searching technique is covered with the help of programming examples.
- Presents various hashing techniques like hash functions, linear probing, quadratic probing, double hashing and rehashing.
- Brief introduction to the concept of file and storage management.

About the Author(s)

Ikvinderpal Singh

Sapandeep Kaur Dhillon