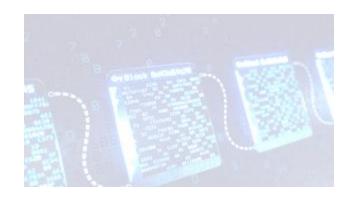


Data structures and algorithm theory

Week 12





• Data structures and algorithm theory

Course Outline

- Module 1: Introduction, Big O notation
- Module 2: Basic data structures: lists, dictionaries, tuples, stacks, queues
- Module 3: Recursion
- Module 4: Linked Lists and Binary Trees
- Module 5: Heaps and Sorting
- Module 6: Dynamic Programming