Data Structure with Python

Course Duration: 30 Days

SNO	TOPIC
1	**Basic Programming**
	Operators
	Datatypes
2	**Recursion and Complexities**
	Recursion Backtracking
	Time and space Complexities
3	**Linear Data Structure**
	Stack
	Queue
	Linked List
4	**Non-Linear Data Structure**
	Binary Tree
	Binary Search Tree
	Heap and Map
	Graph
5	**Algorithm**
	Greedy Algorithm
	Dynamic Programming
6	**Competitive Programming**
	Number Theory
	Computational Geometry
	Text Based Processing
	Game Theory
	Maths
	Constructive Alogorithm
	Dynamic Programming using Digit
7	**Sorting and Searching**
	Bubble Sort
	Bucket Sort
	Comb Sort
	Counting Sort
	Heap Sort
	Insertion Sort
	Merge Sort

	Quick Sort
	Radix Sort
	Selection Sort
	Shell Sort
	Tim Sort
	Linear Search
	Binary Search