**DSA Time table**

**Jan 1-3:**

Recursion

**Jan 4-6:**

Big O notation

**Jan 8-14:**

Arrays, Lists, Dictionaries, Tuples

**Jan 15-17:**

Linked List

**Jan 18-20:**

Stack

**Jan 22-24:**

Queue

**Jan 25-27:**

Binary Tree

**Jan 29-31:**

Binary Search Tree

**Feb 1-3:**

AVL Tree

**Feb 5-7:**

Binary Tree

**Feb 8-10:**

Trie

**Feb 12-14:**

Hashing

**Feb 15-17:**

Sort Algorithms

**Feb 19-21:**

Searching Algorithms

**Feb 22-24:**

Graph Algorithms

**Feb 26-28:**

Graph Traversal Algorithms

**Feb 29-2 Mar:**

Topology Sort Algorithms

**Mar 4-6:**

Single source shortest path

**Mar 7-9:**

Dijkstra’s Algorithms

**Mar 11-13:**

Bellman ford Algorithms

**Mar 14-16:**

Floyed-Warshall Algorithms

**Mar 18-20:**

Minimum spanning tree

**Mar 21-23:**

kruskal’s algorithm

**Mar 25-27:**

Greedy Algorithms

**Mar 28-30:**

Divide and conquer Algorithms

**Apr 1-3:**

Dynamic programming

**Treat is weating for you Usman**

1. Hotel dinner
2. Movie