**Report: team5-ds05**

**(Data Structures)**

I,as a mentor of team5-ds05 would be really happy to say that my team is doing really well. We have achieved the goals as per expected for this month and the active participants are working really hard to keep up with the timeline. We are focusing on learning basic concepts of data structures along with hands-on implementation .

**Topics covered till now:**

**1st June – 15th June:**

C++ STL(Standard template library)

Collections in Java

For Python

**15th June – 30th June:**

Intro to Data structures

Maths

Bitwise operators

Arrays

Stacks and Queues

**1st July – 10th July:**

Linked list

Singly Linked List

Circular Linked List

Doubly Linked List

Time and Space Complexity Analysis

**Useful links:**

**Members of team:** [https://docs.google.com/spreadsheets/d/1HR6HHfBEPMOguQO8D3tXN4K\_SydUTnXzZbehxPSGvqY/edit#gid=0](https://docs.google.com/spreadsheets/d/1HR6HHfBEPMOguQO8D3tXN4K_SydUTnXzZbehxPSGvqY/edit" \l "gid=0)

**Detailed schedule along with Resources:**

<https://docs.google.com/document/d/1Is9RbdTwY0nK-jZJy2iJ84OYGJK1SVGemHlj2aG-7RQ/edit?usp=sharing>