**Data structure and Algorithm**

**Type of data structure**

Linear:

Array, linked list, stack, Queue

Non-Linear:

Tree, Graph

**Algorithm** is a set of instructions to perform a task or to solve a given problem

**Analysis of algorithms**:

Deals with in finding best algorithm which run fast and takes in less memory.

**Time complexity**:

It is amount of time taken by algorithm to run.

The input processed by an algorithm helps in determining the time complexity.