# Data Structure

\* Time complexity

\* Space complexity

\* Array

\* Linked-List

\* Stack

\* Queue

\* Hash table

\* Collision

\* Bubble sort

\* Selection sort

\* Insertion sort

\* Merge sort

\* Quick sort

\* Linear search

\* Binary search

\* Binary search tree

\* Traversing tree approaches

\* Breadth first

\* Depth first

\* Pre-order

\* Post-order

\* In-order

\* Balanced tree

\* Self Balancing Trees

\* AVL Tree

\* Red-Black Tree

\* B-Tree

\* Heaps

\* Heap sort

\* Priority Queue

\* Tries (Digital or Radix or Prefix tree)

\* Graphs

\* Adjacency matrix

\* Adjacency List

\* Traverse

\* Depth-First

\* Breadth-First

\* Topological sort

\* Cycle detection