Data Structure 
Array 
Stack 
Queue 
Sinqlv-Linked List 
Doubly-Linked List 
Time Complexity 
Average 
Access Search 
Space 
Complexity 
Worst 
Insertion 
Deletion 
Worst 
Access 
N/A 
Search 
nsertion 
Deletion 
Skip List 
Hash Table 
Binary search 
Cartesian Tree 
N/A 
B-Tree 
Red-BlackTree 
Splay Tree 
AVL Tree 
KD Tree 
N/A 
N/A 
Array Sorting Algorithms 
Algorithm 
Quicksort 
Merqesort 
Timsort 
Heapsort 
Bubble Sort 
Insertion Sort 
Selection Sort 
Tree sort 
Shell sort 
Bucket Sort 
Radix Sort 
Countinq Sort 
Cubesort 
Time Complexity 
Best 
Average 
Worst 
Space 
Complexity 
Worst 
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O(n) 
O(k) 

