

Average time complexity for element access:

Data Structure	Access front	Access back	Access middle
Array	$O(1)$	$O(1)$	$O(1)$
LinkedList	$O(1)$	$O(1)$	$O(n)$
SinglyLinkedList	$O(1)$	$O(n)$	$O(n)$

Average time complexity for element insertion:

Data Structure	Insert front	Insert back	Insert middle
Array	$O(n)$	$O(1)$	$O(n)$
LinkedList	$O(1)$	$O(1)$	$O(n)$
SinglyLinkedList	$O(1)$	$O(1)$	$O(n)$

Average time complexity for element deletion:

Data Structure	Delete front	Delete back	Delete middle
Array	$O(n)$	$O(1)$	$O(n)$
LinkedList	$O(1)$	$O(1)$	$O(n)$
SinglyLinkedList	$O(1)$	$O(n)$	$O(n)$