**Searching Algorithms in JavaScript:**

Searching algorithms are fundamental techniques used to find a specific element within a collection of data, such as an array or list. JavaScript provides various searching algorithms, each with its own characteristics and use cases.

**Linear Search:**

Linear search, also known as sequential search, is a simple searching algorithm that sequentially checks each element of the list until a match is found or the end of the list is reached. It is suitable for unsorted arrays and small datasets.

**Binary Search:**

Binary search is a more efficient searching algorithm that requires the array to be sorted in ascending order. It repeatedly divides the search interval in half until the target element is found or the interval is empty. It is suitable for sorted arrays and large datasets.