**Sorting Algorithms**

1. **Bubble Sort**

Bubble sort is an easy-to-understand algorithm. It goes through a list multiple times, comparing each pair of adjacent numbers and moves the bigger one to the right. It keeps doing this until all elements are in order.

Even though it looks simply, it’s not very efficient because it takes more time, especially for bigger lists.

**Big-O Notation**

Worst Case: O(n^2) => Array is in reverse order

Average Case: O(n^2) => Random array

Best Case: O(n) => Array is already in order

**metin, yazı tipi, ekran görüntüsü, çizgi içeren bir resim

Yapay zeka tarafından oluşturulan içerik yanlış olabilir.**

1. **Insertion Sort**