***Summary:***

**From the data in the table, and after you compare the time for all types of sort, we conclude that the best type of sort:**

**\*\*\*\*\*\*\*if the number of data is small and it's sorted:**

**Heap sort and quick sort, bubble sort and merge sort, insertion sort, then bucket sort.**

**\*\*\*\*\*\*\*If the number of data is small and it's reversed order:**

**Heap sort and quick sort, insertion sort and bucket sort, then bubble sort and merge sort.**

**\*\*\*\*\*\*\*If the number of data is small and it's random:**

**Heap sort and quick sort, bubble sort and insertion sort, bucket sort, then merge sort.**

**\*\*\*\*\*\*\*If the data isn't large and it's sorted:**

**Quick sort, heap sort, insertion sort, merge sort, bubble sort, and then bucket sort.**

**\*\*\*\*\*\*\*If the data isn't large and it's reversed order:**

**Heap sort, quick sort, merge sort, insertion sort, bucket sort, and then bubble sort.**

**\*\*\*\*\*\*\*If the data isn't large and it's random:**

**Heap sort, quick sort, merge sort, bucket sort, insertion sort, then bubble sort.**

**\*\*\*\*\*\*\*If the data is huge and it's sorted:**

**Quick sort, heap sort, insertion sort, merge sort, bubble sort, and then bucket sort.**

**\*\*\*\*\*\*\*If the data is huge and it's reversed order:**

**Quick sort, heap sort, merge sort, insertion sort, bubble sort, and then bucket sort.**