# Top 5 Sorting Algorithms and their time complexities

Algorithm	Best Case	Average Case	Worst Case
Bubble Sort	000	O(N*2)	O(N°2)
Selection Sort	O(N*2)	O(N*2)	000*25
Insertion Sort	0(N)	O(N*2)	O(N°2)
Merge Sort	O(NiogN)	O(NlogN)	O(NogN)
Quick Sort	OlNiogNi	O(NegN)	004*20

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**Marco Cascella** 

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