| **Complexity** | **Notation** | **Performance** | **Example Algorithm** |
| --- | --- | --- | --- |
| **Logarithmic** | O(log n) | 🚀 **Very Efficient** | Binary Search |
| **Linear** | O(n) | ⚡ **Moderate** | Linear Search |
| **Linearithmic** | O(n log n) | 🔄 **Good** | Merge Sort, QuickSort |
| **Quadratic** | O(n²) | ❌ **Slow** | Bubble Sort, Insertion Sort |