**Sorting Algorithms**

| **Algorithm** | **Strategy** |
| --- | --- |
|
| Bubble Sort |  |
| Selection Sort |  |
| Insertion Sort |  |
| QuickSelect |  |
| QuickSort |  |
| Merge Sort |  |

**Pros/Cons and Time Complexity**

| **Algorithm** | **Advantages** | **Disadvantages** | **Time Complexity** | | |
| --- | --- | --- | --- | --- | --- |
| **Best Case** | **Avg. Case** | **Worst Case** |
| Bubble Sort |  |  |  |  |  |
| Selection Sort |  |  |  |  |  |
| Insertion Sort |  |  |  |  |  |
| QuickSelect |  |  |  |  |  |
| QuickSort |  |  |  |  |  |
| Merge Sort |  |  |  |  |  |