

- **LRU Cache**
- **Sliding Window Maximum**
- **K-way Merge**
- **Topological Sort**
- **Segment Trees**
- **Trie (Prefix Tree)**
- **Counting Inversions**
- **Binary Indexed Tree (Fenwick Tree)**
- *Pathfinding Algorithms (A, Bellman-Ford)\**
- **Z-Algorithm**
- **Binary Search Variants**
- **Network Flow (Ford-Fulkerson, Edmonds-Karp, Dinic's)**
- **Dynamic Programming Optimization Techniques**
- **Cartesian Tree**
- **Bloom Filter**
- **Monte Carlo and Las Vegas Algorithms**