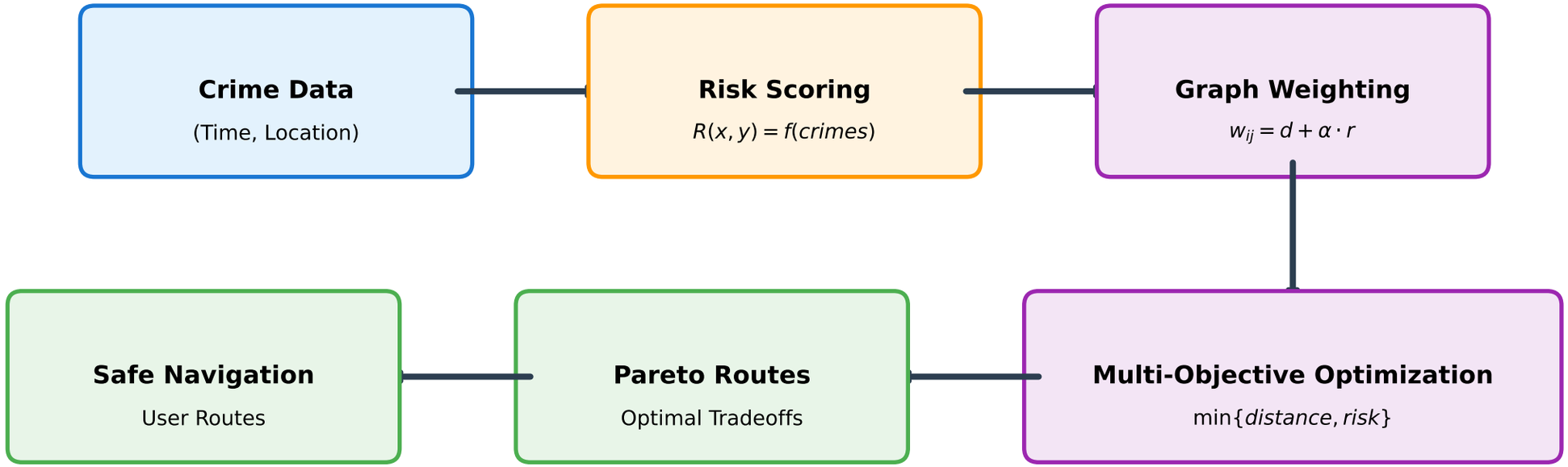
CAPR Algorithm Pipeline

From Crime Data to Safe Routes



Performance Results

- 30-50% Risk Reduction
- <15-25% Distance Increase

Algorithm: Dijkstra + Multi-Objective Optimization

Time Complexity: O(E log V) per route