Algorithm

[Input: previous data + current and final positions]

1. Initialization
   - draw a random point within feasible region
   - if feasible, insert it into current path and repeat
2. Evaluation
   - train Gaussian Process with current data
   - for each point in current solution:
     - check variance with GP → ⚠correlations
     - assume expectation of GP = true value
3. Improvement: repeat until failing:
   - *insertion:* attempt a new probe; if feasible, insert in current trip
   - *random motion:* for each probe, attempt some points around it; if improved, move there
4. Update incumbent
5. Pertubation:
   - remove a random point from the solution