General Procedures

1. Compute demand per cycle (number of bins)

2. Period length and initial feasible space
   
   Analytical equations

3. Compute minimum number of trains
   
   Dynamic Programming

4. A new feasible space based on optimal number of trains
   
   Dynamic Programming

5. Finding optimal solution

Objectives: minimizing:

1. Number of trains

2. Inventory costs
   - Normal loading
   - Early loading

3. System variability
   - Route length
   - Train loading