

Solving the Transportation Problem for Warehouses and Dealers in Bangalore City

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Abstract : Being a subclass of linear programming problem, the Transportation Problem is a classic Operations Research problem where the objective is to determine the schedule for transporting goods from source to destination in a way that minimizes the shipping cost while satisfying supply and demand constraints. In this paper, we are representing the transportation problem for various warehouses along with various dealers situated in Bangalore city to reduce the transportation cost incurred by them as of now. The problem is solved by obtaining the Initial Basic feasible Solution through various methods and further proceeding to obtain optimal cost.

Keywords : NW method, optimum utilization, transportation problem, Vogel's approximation method

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