

Transportation

The problem may have a rectangular matrix or a square matrix.

The transportation algorithm can be used to solve the assignment model.

The basic feasible solution is obtained by the northwest corner method or LCM or VAM.

The rim requirement may have any positive nos.

The rows & columns may have any nos of allocation.

Assignment

The assignment algorithm can not be used to solve the transportation model.

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The basic feasible solution is obtained by the Hungarian method or technique or assignment algorithm.

The optimality test is given by drawing a minimum of horizontal & vertical lines to cover all the zeros in the matrix.

The rows and columns must have one to one allocation.