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Assignment_4



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Assignment 4 Q1-Q2

Q1 Formulate & solve this transportation problem using lpsolve, or any other equivalent library in R.

See the "lp" & "rmd" files for this problem on GitHub

Min. $1.52 \times 14 + 1.60 \times 15 + 1.40 \times 16 + 1.70 \times 24 + 1.63 \times 25 + 1.55 \times 26 + 1.45 \times 34 + 1.60 \times 15 + 1.40 \times 16 \times$

1) What is the minimum cost of providing oil to the refineries? Which wells are used to capacity in the optimal schedule? Formulation of the problem is enough.

Objective Function:

Q2) Show the network diagram corresponding to the solution in (a). That is, label each of the arcs in the solution and verify that the flows are consistent with the given.

