Module 07 – Maximal Flow

Exploratory Data Analysis

A diagram of a network

AI-generated content may be incorrect.

Model Formulation

*Write the formulation of the model into here prior to implementing it in your Excel model. Be explicit with the definition of the decision variables, objective function, and constraints.*

*A screenshot of a computer

AI-generated content may be incorrect.*

Model Optimized for Maximal Flow

*Implement your formulation into Excel and be sure to make it neat. This section should include:*



Model with Stipulation

*Please copy the tab of your original model before continuing with the next part to avoid messing up your original solution.*



*The model is recommending the amount of units that should travel between different locations to maximize units that can flow through network. All networks highlighted in green are bottlenecks because you can’t increase units of flow because they are already at capacity. To increase optimal solution you’d have to increase capacity of green highlighted to maximize after you get red maximized.*

*A white paper with black text

AI-generated content may be incorrect.*