

Highlights

Bootstrap Enhanced Scenario Optimization, a Case Study in Two-Echelon Logistics for Large-Scale Retail

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- A new framework for integrating time series forecasting into stochastic programming.
- Maximum Entropy Bootstrap with bagging for forecasting short logistic time series.
- Bootstrap distributions for deterministic equivalent scenario generation.
- Predictive analytics for client allocation and warehouse sizing.
- Real-world 2-echelon logistics case study.