Special Issue

Explainable Artificial Intelligence for Industrial and Supply Chain Systems

Message from the Guest Editor

Topics of interest include but are not limited to the following:

- Interpretable machine learning models for industrial fault diagnosis and predictive maintenance.
- Explainable AI applications in demand forecasting and inventory optimization.
- Model-agnostic and post hoc explanation techniques for supply chain decision support.
- Human-in-the-loop XAI systems for logistics and production planning.
- Transparent reinforcement learning for autonomous industrial control.
- XAI in quality inspection and computer vision-based industrial systems.
- Causal inference and explainability in supply chain risk management.
- Evaluations of user trust and acceptance of explainable systems in industrial environments.
- XAI for sustainable and green supply chain operations.

Guest Editor

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Editor-in-Chief

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