Enhancing Design, Simulation, and Efficiency

General Electric (GE)

AI-driven simulations design and optimize jet engines and industrial components, predicting material behavior under extreme conditions.

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Reduced development time and costs, improved reliability

BMW

AI simulations improve material selection and manufacturing efficiency by analyzing performance and sustainability parameters.

Enhanced durability and eco-efficiency in material design

Intelligence and Decision Optimization

Blue Yonder

AI-based predictive forecasting for chemical and manufacturing supply chains, analyzing production, logistics, and market data.

Optimized inventory, reduced waste, enhanced supply resilience

IBM Watson Discovery

Uses NPL to quickly analyze and extract insights from scientific literature and lab reports for accelerated research.

Faster literature reviews and data-driven R&D decisions

AI in Clinical and Regulatory Support

Pfizer

Uses AI and ML to predict clinical trial outcomes, enabling faster data analysis and better decision-making.

Shorter trial timelines and reduced costs

Bayer

Applies AI to match patients with clinical trials using comprehensive medical data for enhanced trial efficiency.

Improved trial efficiency and reduced risks