Proposal for Special Session

Optimizing Sustainable Analytics and Autonomous Intelligence in Healthcare

Abstract: As the world's healthcare systems are put under ever-greater pressure to manage patient care, operational effectiveness, and environmental sustainability, autonomous intelligence (AI) is proving a game-changing solution. This session examines how AI-powered automation, predictive analytics, and smart resource management can advance sustainability in healthcare.

We will cover actual-world applications such as AI-based energy optimization for hospitals, waste reduction initiatives, supply chain efficiencies and even hospital robots. Attendees will have a better understanding of how autonomous intelligence reduces wastage of resources, saves money, and enhances patient outcomes and contributes to a more sustainable and greener healthcare system.

We will learn about cutting-edge AI strategies that deliver sustainability and long-term success in the healthcare industry.

Objectives

1. Understanding AI's Role in Sustainable Healthcare
2. Investigate the Impact of Hospital Robotics
3. Evaluate the Long-Term Impact of AI on Green Healthcare
4. Implement AI-Driven Automation for Sustainability
5. Assess the Ethical and Safety Considerations of AI Robotics in Healthcare

Keywords: Artificial Intelligence, Robotics, Data Analytics, Healthcare, Sustainability, Internet of Things

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