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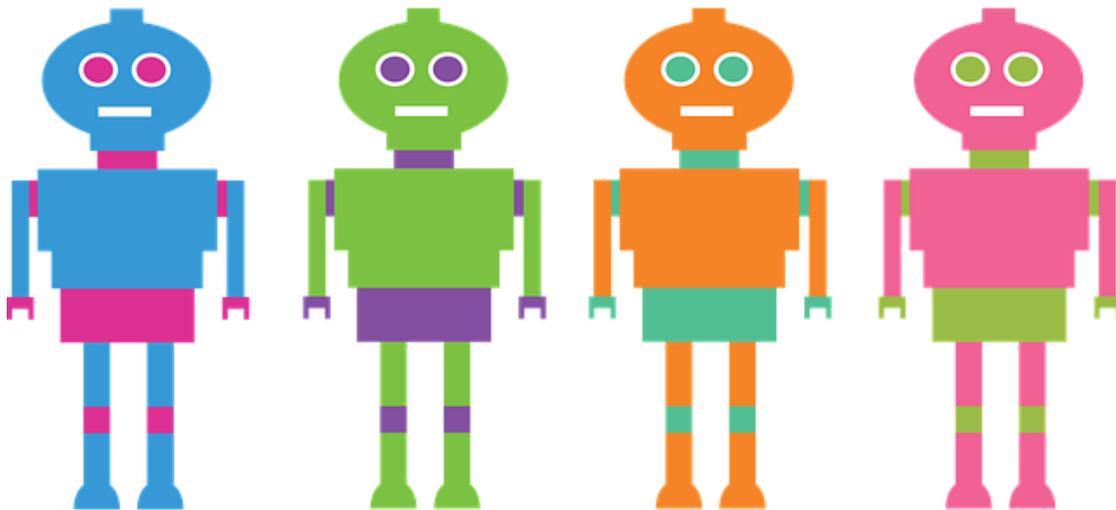
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PREDICTIVE MAINTENANCE FEATURE

Machines Watching Machines: The Value of AI-based Predictive Maintenance in Reducing Manufacturing Downtime

The "machines watching machines" approach prevents unnecessary downtime for unneeded preventative maintenance, as well as for unexpected real-time equipment failures. No humans need to intervene except for equipment maintenance.

[Read more](#)



AI DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

AtomBeam ?Compaction? Software Uses AI/ML to Reduce IoT Data Footprint by 75 percent

Using AI and machine learning technology, AtomBeam compacts duplicate and extraneous data common in IoT networks.

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WEBCAST

Developing Safe and Secure Autonomous Vehicles Across Industries

Sponsored by: **Ansys**

Date: **October 22, 11:00 a.m. ET**

AI PROCESSING NEWS

Efinix Integrates MIPI CSI-2 Into Trion FPGA Solutions

Based on Efinix's low-power Quantum architecture, the integration of new MIPI technology makes the Trion programmable devices applicable to use cases ranging from simple bridging or data pre-processing/acceleration to complex video processing and artificial intelligence.

[Read more](#)

AI DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

Qeexo Releases AutoML for Sensor Data at the Edge

Qeexo's AutoML is a one-click, fully automated platform that accelerates the development of machine learning solutions for edge devices.

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SPONSORED BLOG

Virtualization for Embedded Systems: A Bridge to the Future

Burgeoning trends like autonomous automobiles, the Internet of Things (IoT), and increasingly sophisticated industrial and manufacturing devices, machines and systems are forcing change in the world of embedded systems. The old, purpose-built, closed legacy architectures are giving way to a fluid, software-defined, and connected approach.

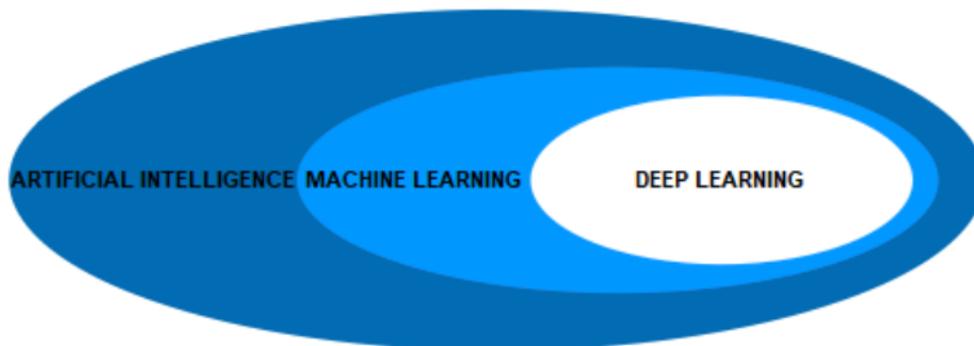
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AI DEVELOPMENT TOOLS & OPERATING SYSTEMS FEATURE

When to Use Machine Learning or Deep Learning?

This article outlines the differences between machine learning and deep learning, and how to determine when to apply each one.

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