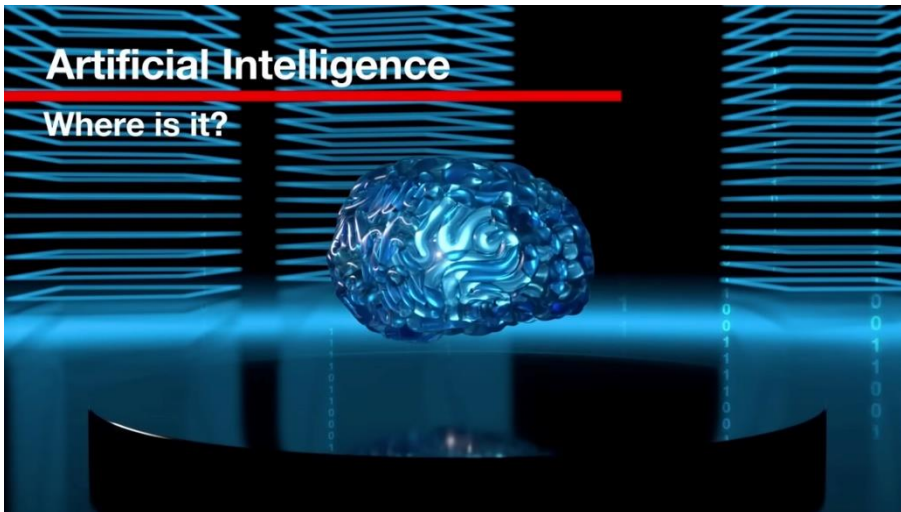


AI is here to assist you – Unlock your virtual data scientist

Ratingen, Germany 8th August 2024

The applications of artificial intelligence (AI) in industrial environments are rapidly developing, presenting a number of opportunities to manufacturers. Not only can companies leverage machine learning to improve productivity and performance, they can also use it as a tool to enhance their experts' know-how and support knowledge transfer across an enterprise. These last aspects, sometimes overlooked by companies, are among the most value-adding elements of AI, according to Christian Nomine, Strategic Product Manager for Visualization & Analytics EMEA at Mitsubishi Electric.



[Source: Mitsubishi Electric Europe, Germany]

In the videocast episode “AI: Where is it?”, he explains why smart technologies are key to maintaining and setting up highly competitive manufacturing operations.

AI-driven tools, in particular chatbots such as ChatGPT, are currently

making headlines based on their potential impact on our everyday lives. However, there are already AI-based solutions that use machine learning to offer advanced capabilities in industrial settings, and their positive impact is already being reported. These are simplifying the use of smart technologies and can be accessed via intuitive interfaces to support a myriad of activities. The benefits can be experienced in manufacturing applications, for example, where this technology is being deployed to streamline operations and improve end product quality as well as productivity.

In particular, as manufacturers are facing tough competition in the marketplace, they need to continuously look for ways to further enhance their efficiency, output and cost-effectiveness. To succeed in these goals and drive their own growth, companies are adopting new technologies, but beginning data science and AI journeys can be challenging.

To address this issue, it is highly beneficial to use an AI data science tool, such as Mitsubishi Electric's MELSOFT MaiLab, that can guide staff in the process of making the machines, lines and factories smarter, according to Christian. This solution, suitable for both entry-level as well as more advanced AI applications, can enhance the experience and intuition of human experts with empirical data and insights. This, in turn, can help manufacturers improve their processes and operations.

Even more, this AI data science tool can help specialists to further refine their know-how as well as support the growth of trainees or junior members of staff, providing them access to a unique, objective knowledge platform that supports the development of teams and the enterprise. It is therefore clear that AI will not replace humans, but rather empower them to make more accurate, effective and rapid decisions that benefit the entire company.

To watch the full interview with Christian Nomine as part of Mitsubishi Electric's Podcast series and learn more about AI, visit:

https://youtu.be/G14g_cHPkVI

More information about the AI data science tool MELSOFT Mailab

<https://emea.mitsubishielectric.com/fa/products/edge/edgsw/edgap/melsoft-mailab>



[Source: Mitsubishi Electric Europe, Germany]

Image Caption: Christian Nomine, Strategic Product Manager Visualisation at Mitsubishi Electric Europe BV

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For more information, please visit www.MitsubishiElectric.com

**U.S. dollar amounts are translated from yen at the rate of ¥151=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2024.*

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Offering a vast range of automation and processing technologies, including controllers, drive products, power distribution and control products, electrical discharge machines, electron beam machines, laser processing machines, computerized numerical controllers, and industrial robots, Mitsubishi Electric helps bring higher productivity – and quality – to the factory floor. In addition, its extensive service networks around the globe provide direct communication and comprehensive support to customers. The global slogan “Automating the World” shows the company’s approach to leverage automation for the betterment of society, through the application of advanced technology, sharing know how and supporting customers as a trusted partner.

For more about the story behind “Automating the World” please visit:

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For more information, please visit emea.mitsubishielectric.com/fa

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e-F@ctory is Mitsubishi Electric's integrated concept to build reliable and flexible manufacturing systems that enable users to achieve many of their high speed, information driven manufacturing aspirations. Through its partner solution activity, the e-F@ctory Alliance, and its work with open network associations such as the CC-Link Partners Association (CLPA), users can build comprehensive solutions based on a wide ranging "best in class" principle.

In summary, e-F@ctory and the e-F@ctory Alliance enable customers to achieve integrated manufacturing but still retain the ability to choose the most optimal suppliers and solutions.

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