A guide to AI and ML

Generative AI tools can create new and original content, from text and images to music and code. But how do these tools produce such creative and relevant results? The answer lies in the relationship between artificial intelligence (AI) and machine learning (ML).

Understanding how AI and ML work together is a valuable professional skill. It can help you navigate new technologies as they transform the workplace, enabling you to contribute to AI-driven projects or even lead your own AI initiatives.

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Generative AI and machine learning

Artificial intelligence is a broad field focused on creating tools that can complete tasks typically associated with human intelligence. Generative AI is a type of AI, and it is powered by machine learning (ML), a specific technique that enables a tool to learn from data without being explicitly programmed for every possible scenario. While both terms seem similar, ML is a subset of AI used by many of the tools available today.

Approaches to machine learning