



TIC

# Keywords about applications of AI.

- **Machine Learning: Meaning:** a subset of artificial intelligence that involves systems and algorithms learning and improving from experience and data without explicit programming.

- **Predictive Maintenance: Meaning:** the use of AI and data analytics to predict when equipment or machinery is likely to fail so that maintenance can be performed just in time to prevent breakdowns.



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- **Smart Grid Management:** Meaning: the application of AI to control and optimize the distribution and flow of electricity in a power grid, making it more efficient and responsive to changing demands.

- **Digital Twins:** Meaning: virtual replicas of physical items, processes, or systems that enable simulation, monitoring, and optimization of performance in real-time.



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- **Wearable Devices:** Meaning: devices, like health monitoring wearables, equipped with sensors and technology that can be worn on the body to collect and transmit data for various purposes.

- **Sentiment Analysis:** Meaning: the use of natural language processing and AI to analyze and determine the sentiment or emotion expressed in written or spoken language.



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- **Generative Art:** Meaning: artistic creations generated with the assistance of algorithms, often involving randomness and computer processes to produce unique and dynamic artworks.

