Socialize key words about Artificial Intelligence

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- **Artificial Intelligence (AI). Meaning:** the simulation of human intelligence in machines programmed to perform tasks that typically require human intelligence, such as visual perception, speech recognition, decision-making, and language translation.

- **Machine Learning (ML). Meaning:** a subset of AI that involves the development of algorithms allowing computers to learn patterns and make decisions based on data, without explicit programming.

- **Neural Network. Meaning:** a computerized model inspired by the human brain's structure and functioning, used in machine learning to recognize patterns and make decisions.

- **Algorithm. Meaning:** a step-by-step set of instructions or rules followed by a computer to perform a specific task or solve a particular problem.

- **Natural Language Processing (NLP). Meaning:** a branch of AI that focuses on the interaction between computers and humans using natural language, enabling machines to understand, interpret, and generate human language.

- **Deep Learning. Meaning:** a subset of machine learning that involves neural networks with multiple layers (deep neural networks), enabling the model to automatically learn hierarchical representations of data.
- **Chatbot. Meaning:** a computer program designed to simulate conversation with human users, especially over the Internet, providing information or assistance through text or voice interactions.
- **Computer Vision. Meaning:** a field of AI that enables machines to interpret and understand visual information from the world, including image recognition, object detection, and scene analysis.
- **Big Data. Meaning:** extremely large and complex datasets that cannot be effectively processed using traditional data processing methods, often requiring advanced AI and analytics tools.
- **Ethical AI. Meaning:** the practice of developing and using AI systems in a way that aligns with ethical principles, ensuring fairness, transparency, accountability, and the consideration of societal impacts.