IBM **SkillsBuild**

Artificial intelligence terminology

A

Artificial intelligence (AI)

Artificial intelligence is a field of computer science that enables computers and machines to perform tasks that typically require human intelligence.

AI ethics

AI ethics is a multidisciplinary field that examines how to maximize the beneficial impact of AI while minimizing risks and adverse outcomes.

AI interface

AI interfaces allow you to interact with AI technology to perform or accomplish tasks. AI interfaces include voice assistants, text-based interfaces, chatbots, and recommendation systems.

Algorithm

An algorithm is a set of rules or a step-by-step procedure that guides machines to perform a task or solve a problem.

Ambient AI

Ambient AI operates quietly in the background, blending into the environment.

C

Chatbots

Chatbot interfaces allow you to interact with AI by guiding you through tasks in apps or websites.

D

Deep learning

Deep learning is a subset of machine learning where computers learn from data, much like the human brain, using neural networks.

E

Embedded AI

Embedded AI is built directly into devices or systems.

G

Generative AI

Generative AI systems can create new content, such as text, images, or music, by learning from large sets of existing data. Generative AI tools can produce original material that is similar to what they have learned, without being an exact copy.

M

Machine learning

Machine learning is a type of artificial intelligence where computer algorithms learn from data.

R

Recommendation systems

Recommendation system interfaces use AI to suggest content, products, or actions based on your behavior and preferences.

S

Sentient

Sentient means being able to perceive and experience emotions, such as pain, happiness, or fear. Sentient beings can sense the world around them and have awareness or experience.

T

Text-based interface

Text-based interfaces allow you to interact with AI by typing questions or prompts.

V

Voice assistant

Voice assistant interfaces allow you to interact with AI using spoken language.