

GLOSSARY



Introduction to Artificial Intelligence

With Doug Rose

Use the terms and definitions below to understand concepts taught in this course.

Transcript Search: note that you can search for terms spoken by the instructor during the course. To search videos, switch to the Transcript tab, then search for keywords using the [In this video](#) or [In this course](#) option.

Term	Definition
artificial intelligence	Popularly called "AI," a computer system that shows behavior in a way that could be interpreted as human intelligence, provided the system is dealing with pattern matching
artificial neural network	An artificial intelligence system that mimics the structure of the human brain
machine learning	A process in which machines start by identifying patterns, and then learn more as they work through additional data
supervised learning	A type of learning process in which a data scientist shows a system the correct answer, and then allows the system to train itself to improve on identifying patterns that lead to the correct answer
symbolic systems	Matching symbols to a programmed response
unsupervised learning	A type of learning process in which a system creates its own clusters of data based on observing patterns that it sees in the data