





1. Introduction to Generative Al

## Introduction to Generative AI

## **Definitions**

Artificial Intelligence: The simulation of human intelligence processes by computer systems, enabling them to learn, reason, and problem-solve.

**Heuristics:** The ability and process of problem-solving by creating cognitive shortcuts that deliver "good enough" results that can be useful or effective under time or resource constraints.

5

## Introduction to Generative AI

## **Examples of Artificial Intelligence**

- ► Reactive AI: Responds to inputs without using internal models or learning from past experiences. E.g., chess programs.
- ▶ Predictive Al: Predicts future outcomes based on historical data, such as predicting stock prices or weather forecasts.
- ► Analytical AI: Analyzes complex data sets and extracts meaningful insights.

6





Find the full text of this and thousands of other resources from leading experts in dozens of legal practice areas in the <u>UT Law CLE eLibrary (utcle.org/elibrary)</u>

Title search: AI: Friend or Foe?

Also available as part of the eCourse AI: Friend or Foe

First appeared as part of the conference materials for the  $58^{\text{th}}$  Annual William W. Gibson, Jr. Mortgage Lending Institute session "AI: Friend or Foe?"