

GLOSSARY

Big Data in the Age of AI

With Barton Poulson

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

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Term	Definition
artificial intelligence (AI)	A field in data science and computer science that focuses on techniques that allow computers to perform tasks typically done by humans, showing intelligence and flexibility in responding to the data coming in
big data	Data that is characterized by its unusual volume, high velocity, and astounding variety of formats and sources
data mining	The practice of working with large data sets to find potentially valuable insight
data science	Often called code, quant, and context, it is the incorporation of hacking skills, math, statistics, and substantive expertise to extract knowledge from data sets
machine learning	A collection or rubric of algorithms that can find patterns in data to predict outcomes
unstructured data	Data where the variables or the fields are not labeled or identified