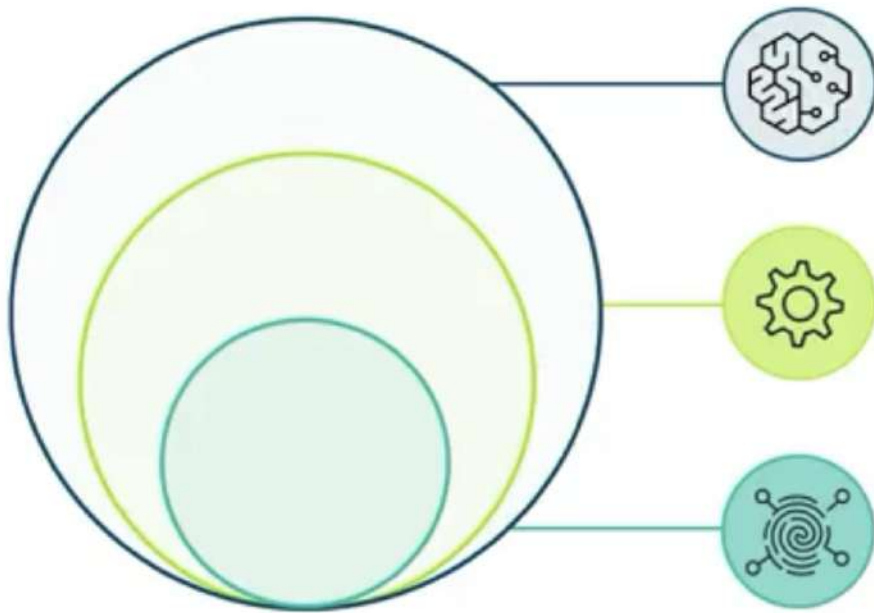# Artificial intelligence and its subsets

Artificial Intelligence (AI)
- A field of study that uses computers to do processes that mimic human behavior
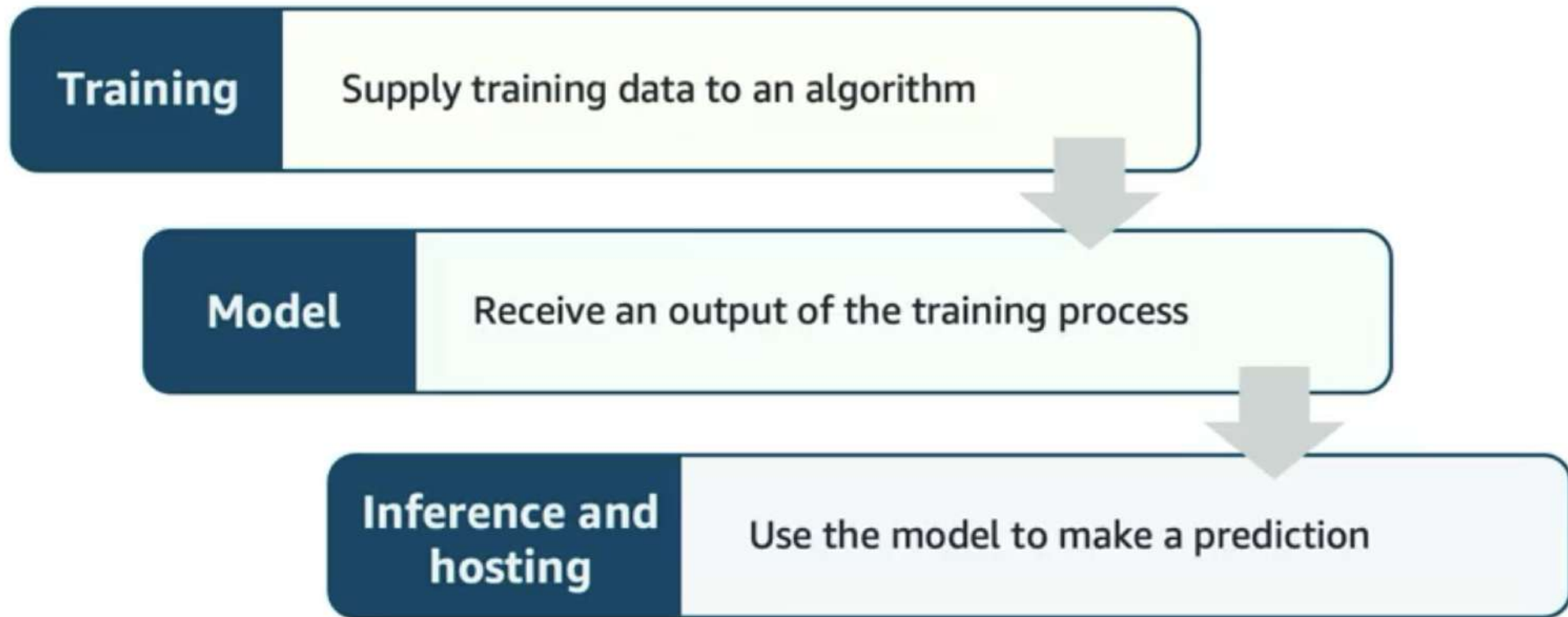
Machine Learning (ML)
- A subset of AI
- Uses algorithms to learn and improve from training data

Deep Learning (DL)
- A subset of ML
- Uses multilayer networks to build models that are inspired by the human brain

Artificial intelligence is the larger field of study

Artificial intelligence systems

Training	Supply training data to an algorithm

Model	Receive an output of the training process

Inference and hosting	Use the model to make a prediction

aws

Machine learning services at AWS

Amazon Rekognition

Amazon Textract

Amazon Comprehend

Amazon Transcribe

Amazon Translate

Amazon Lex

Amazon SageMaker