

# Glossary

## Concept

## Definition

### **Artificial Intelligence**

"It is the science and engineering of making intelligent machines, especially intelligent computer programs. It is related to the similar task of using computers to understand human intelligence, but AI does not have to confine itself to methods that are biologically observable." [source](#)

### **Machine Learning**

"Machine learning is a branch of artificial intelligence (AI) and computer science which focuses on the use of data and algorithms to imitate the way that humans learn, gradually improving its accuracy." [source](#)

### **Chatbot**

A chatbot is a computer program that allows humans to interact with a digital device as if they were communicating with a real person.

### **Natural Language Processing**

"Natural language processing (NLP) refers to the branch of computer science—and more specifically, the branch of artificial intelligence or AI—concerned with giving computers the ability to understand text and spoken words in much the same way human beings can." [source](#)

### **Natural Language Understanding**

"Natural language understanding is a subset of natural language processing, which uses syntactic and semantic analysis of text and speech to determine the meaning of a sentence." [source](#)

### **Natural Language Processing**

"Natural language processing, which evolved from computational linguistics, uses methods from various disciplines, such as computer science, artificial intelligence, linguistics, and data science, to enable computers to understand human language in both written and verbal forms." [source](#)

### **Learning Algorithm**

"A learning algorithm is a set of instructions used in machine learning that allows a computer program to imitate the way a human gets better at characterizing some types of information." [source](#)