

## Course Overview

Students will learn fundamental artificial intelligence (AI) concepts, including machine learning, deep learning, natural language processing (NLP), and computer vision. Students apply these concepts with a comprehensive machine learning project within IBM Watson Studio.

## Benefits

AI's impact on the tech workforce is reshaping industries at an unprecedented pace. Equip your students with fundamental AI concepts and hands-on practice with the latest tools and technologies and enhance their readiness to thrive and compete in the world of AI.

- ✓ Students build and test an AI machine learning model using IBM Watson Studio and learn how to save it as a Jupyter Notebook.
- ✓ Students learn key AI concepts like generative AI, deep learning, and neural networks.
- ✓ Students explore the AI job market's rapid growth, hear how real AI professionals got their start, and learn the skills needed for an AI-driven career.

## Course Details

**Target Audience:** High school, secondary or vocational school and college/university students, general audience

**Estimated Time to Completion:** 10 hours

**Prerequisites:** None

**Course Delivery:** Self-paced

**Learning Component Highlights:**

- 6 learning modules and 25 quizzes
- Many interactive practice activities and simulations
- 5 module final assessments
- 1 AI machine learning project

**Recommended Next Course:** Introduction to Cybersecurity



## Requirements

- ASC Alignment: Recommended
- Instructor Training: Optional
- Physical Equipment: Not required

Developed in collaboration with

**IBM SkillsBuild**