

IBM Skills Academy

Artificial Intelligence Practitioners Course

Explore the topics, technology and skills required to gain practice in the successful application of AI techniques to address key industry problems.

Artificial Intelligence (AI) is the science behind systems that can program themselves to classify, predict, and recommend.

Businesses are using AI now more than ever before: AI is being scaled across industries at an enterprise level.

From banks that are training AI to empower their digital workforce, to telecommunication companies setting up smart chat bots to transform customer service; the global adoption of autonomous cars, to the far reaches of outer space exploration — AI use cases encompass a wide spectrum.

About this course

Acquire knowledge and skills required to apply AI techniques to address key industry problems.

AI Practitioners

- Leverage their understanding of industry AI adoption patterns to further the digital transformation of enterprises
- Are conversant with AI technologies such as natural language processing, machine learning, neural networks, virtual agents, and computer vision.

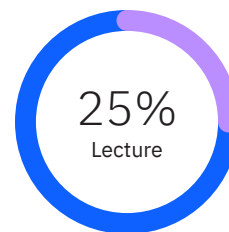
Audience

Individuals with an active interest in applying for entry level jobs to work in AI related fields.

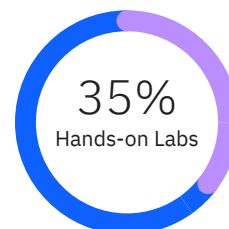
Prerequisite skills for this course:

- Basic IT literacy skills

Journey: 75 hours



Expand knowledge and understanding of the topic through lectures, examples, videos and quizzes.



Implement concepts learned through simulations, hands-on labs and games.



Understand the real-world impact of topics covered with a deep-dive into industry case studies.



Badge

Practitioner Badge



[IBM Artificial Intelligence Practitioner Badge](https://ibm.biz/BdfE4J)

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The strength of artificial intelligence lies in the data it interprets – and the humans who adapt that analysis into business requirements.

ibm.com/artificial-intelligence

Objectives

- Understand the evolution and relevance of AI in the world today.
- Explore opportunities brought about by the intersection between human expertise and machine learning.
- Analyze existing and future implementations of AI solutions across multiple industries including: automotive, education, policy, social media, government, consumer, among others.
- Gain a competitive edge using low-code cloud-based AI tools and pre-built machine learning algorithms.
- Understand AI technology building blocks, including: natural language processing, machine and deep learning, neural networks, virtual agents, autonomies and computer vision.
- Develop a deeper understanding of machine learning techniques and the algorithms that power those systems.
- Learn in-demand agile industry practices for design thinking and AI through an end-to-end industry use case experience.
- Participate in role-playing challenge-based scenarios to propose real-world solutions to different industries using AI and design thinking.

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New Orchard Road
Armonk, NY 10504
Produced in the United States of America,
January 2021

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