

# Artificial Intelligence Fundamentals

Foundational level | 4 weeks  
Self-paced + Instructor-Led



## Programme Overview

This foundational programme is designed for beginners who want to kickstart their career in artificial intelligence (AI). It provides learners with a basic understanding of AI and its popular tools and encourages hands-on experience via labs, exercises and a project. Through this programme, learners will not only gain foundational knowledge but also valuable hands-on experience that will showcase their skills. Plus, they will earn a globally recognized digital credential and an IBM certificate.

## About This Programme

This programme aims to provide learners with a fundamental understanding of artificial intelligence (AI), with a focus on areas like natural language processing (NLP) and computer vision. Plus, they will complete a real-world final project designed to showcase their newly acquired skills.

## Skills acquired by learners

- Introduction to artificial intelligence
- Natural language processing and computer vision
- Machine learning and deep learning
- Run AI models with IBM Watson Studio
- AI ethics
- And more...

## Learning Outcomes

Learners:

- Have fundamental understanding of AI concepts and their historical evolution.
- Understand NLP and computer vision techniques with different use case scenarios.
- Can distinguish between types of machine learning and implement ML algorithms.
- Can execute AI projects from conception to deployment using tools like IBM Watson Studio.
- Can navigate AI ethics, ensuring the development of fair, transparent, and accountable AI systems.
- Can identify potential AI career paths and the skill sets required for various AI roles.
- Can utilize prompt engineering to enhance AI model interactions.

## Earn a Digital Credential and IBM Certificate

Upon successful completion of the programme, each learner can get a globally recognized digital credential verified by Credly and an IBM certificate. More details will be provided during the orientation session.

**Note:** By registering for this programme, you acknowledge that SkillUp Online, a training delivery vendor of IBM SkillsBuild, will process your data and contact you in relation to your participation in this programme. Additionally, SkillUp Online may contact you regarding other IBM SkillsBuild educational activities.