



MULTIPLE TRAINING

Artificial Intelligence Pathway

Launch your AI career. Master machine learning, deep learning, and intelligent system development from beginner to advanced.

DURATION

42 Hours

LEVEL

Beginner to Advanced

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

Master Artificial Intelligence from Generative AI fundamentals to advanced machine learning modeling. Learn to apply AI approaches to solve real-world business problems.

Duration	42 Hours
Level	Beginner to Advanced
Vendor	Multiple

WHO IS THIS FOR?

- Aspiring AI Engineers & Data Scientists
- Software Developers & Machine Learning Engineers
- Business Analysts & Product Managers
- IT Professionals such as System architects and cloud engineers

COURSE CURRICULUM

01 Generative AI Fundamentals (12 Hours)

- AI and Generative AI Concepts
- Generating Text, Code, Images, Video, and Audio using AI
- Solving Business Problems using Generative AI
- Challenges and Shortcomings of Generative AI

02 AI Practitioner - Data Preparation (Part 1)

- Collecting, Transforming, and Engineering Features
- Working with Unstructured Data
- Formulating a Machine Learning Problem

03 AI Practitioner - Machine Learning Models (Part 2)

- Building Linear and Logistic Regression Models
- Building Classification Models (k-Nearest Neighbor, Decision Trees)
- Building Support-Vector Machines (SVMs) and Clustering Models
- Building Artificial Neural Networks (Deep Learning)

04 AI Practitioner - MLOps (Part 3)

- Deploying and Operationalizing Machine Learning Models
- Automating the Machine Learning Process with MLOps
- Securing and Maintaining Models in Production

FREQUENTLY ASKED QUESTIONS

Q: What are the prerequisites for this pathway?

We recommend foundational IT skills such as ICDL and ICDL Coding as well as some aptitude in computer programming.

Q: Which certifications does this pathway prepare me for?

This learning path prepares you for the Generative AI, AIBIZ, and CAIP (Certified Artificial Intelligence Practitioner) exams.

ABOUT COMPUTER PRIDE***East Africa's Premier IT Training Center***

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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