



IT

MASTER CLASS



ARTIFICIAL INTELLIGENCE SOFTWARE DEVELOPER

(118792)

010 085 0918



www.zoneups.com



405 Cliff Ave, Waterkloofridge, Pretoria



BOOK NOW



2 Day Course



Classroom & Online Training



Certificate of Attendance



ABOUT THE COURSE

The ARTIFICIAL INTELLIGENCE SOFTWARE DEVELOPER MASTER CLASS is designed to equip learners with the knowledge and practical skills required to develop intelligent software solutions using modern AI technologies.

This course provides a strong foundation in Artificial Intelligence, Machine Learning, and Deep Learning, enabling learners to understand how intelligent systems are built, trained, and deployed. Learners will explore how AI is used in real-world industries and how it contributes to business innovation and automation.

The programme also focuses on problem-solving, analytical thinking, and programming skills, allowing learners to design and implement AI-driven solutions. Participants will gain hands-on exposure to tools such as Python, data analysis techniques, and AI frameworks used in industry.



Target Audience

- **Beginners**
- **Students**
- **Graduates**
- **Programmers**
- **Developers**

PRICE

CLASSROOM: R 5900 (Excl. VAT)

ONLINE: R 5000 (Excl. VAT)

Includes snacks and beverages –
only applicable to classroom
bookings)

DAY ONE

OVERVIEW

SMART ZONE

INTRODUCTION TO ARTIFICIAL INTELLIGENCE

- Understand the fundamentals of Artificial Intelligence, including its evolution, key concepts, and its role in modern technology and society.

MATHEMATICS AND STATISTICS FOR AI

- Learn essential mathematical and statistical concepts that support AI, including basic calculations, probability, and data interpretation.

ANALYTICAL THINKING AND PROBLEM SOLVING

- Develop critical thinking skills used to analyse problems, identify root causes, and design effective solutions in AI development.

DATA, DATABASES AND VISUALISATION

- Understand how data is collected, stored, and processed. Learn how to organise data and present insights using visualisation techniques.

INTRODUCTION TO COMPUTING AND PROGRAMMING

- Learn the basics of programming, algorithms, and how software is developed to perform tasks and solve problems.

DAY TWO

OVERVIEW

SMART ZONE

ARTIFICIAL INTELLIGENCE APPLICATIONS

- Explore how AI is applied in industries such as healthcare, finance, engineering, and business to improve efficiency and decision-making.

MACHINE LEARNING FUNDAMENTALS

- Learn how machines learn from data, including different types of learning such as supervised, unsupervised, and reinforcement learning.

INTRODUCTION TO DEEP LEARNING

- Understand neural networks and how deep learning models are used to solve complex problems such as image recognition and prediction.

WORKING WITH DATA AND DATABASES

- Learn how to access, analyse, and manage structured data using tools such as spreadsheets and databases.

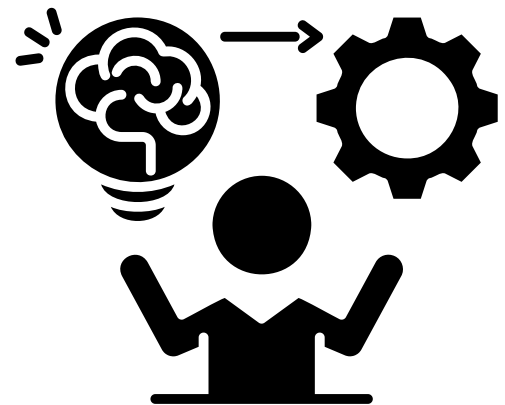
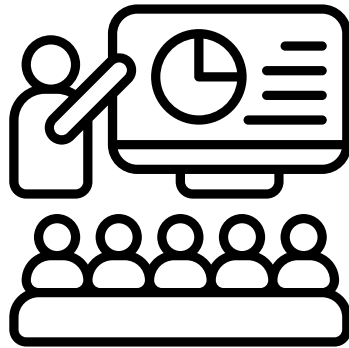
INTRODUCTION TO PYTHON PROGRAMMING

- Gain foundational skills in Python programming, including writing code, working with data, and building simple AI solutions.

FEATURES OF THIS COURSE

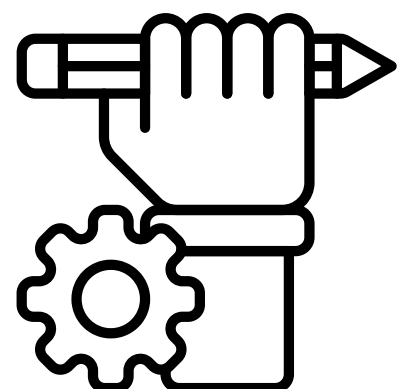
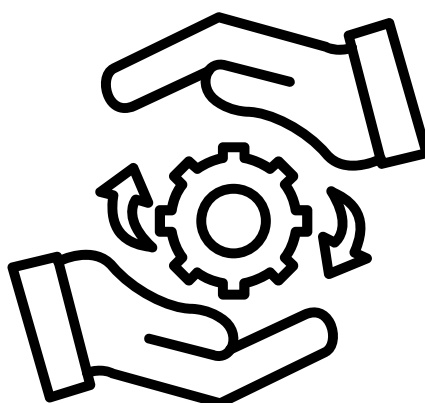
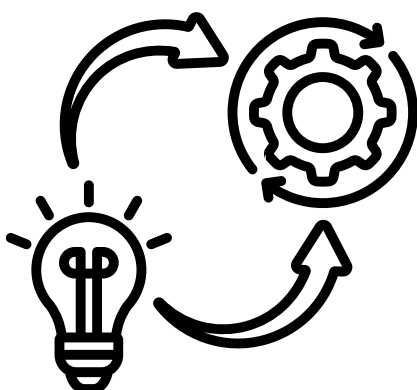
SMART ZONE

- Practical, hands-on training
- Flexible learning modes (online / classroom)
- Industry-aligned curriculum (QCTO / MICT SETA based)
- Experienced facilitators
- Real-world case studies and scenarios



BENEFITS OF THIS SHORT COURSE

- Exposure to 4IR technologies and future IT skills
- Hands-on practical experience with test cases and execution
- Understand real-world testing tools and environments
- Improve problem-solving and analytical thinking skills
- Prepare for entry-level QA and testing roles





SIGN UP NOW

SIGN UP NOW AND SECURE YOUR PLACE

1. Register Online- www.zoneups.com
2. Select the training you prefer and the date you would like to attend.
3. Fill in the registration form.
4. Choose your payment method and finalize the booking.

Request a Quotation

Accreditation



*South African
Institute Of
Occupational Safety
And Health*



Services SETA



Fasset

Make the future count



ETDP-SETA



QCTO