



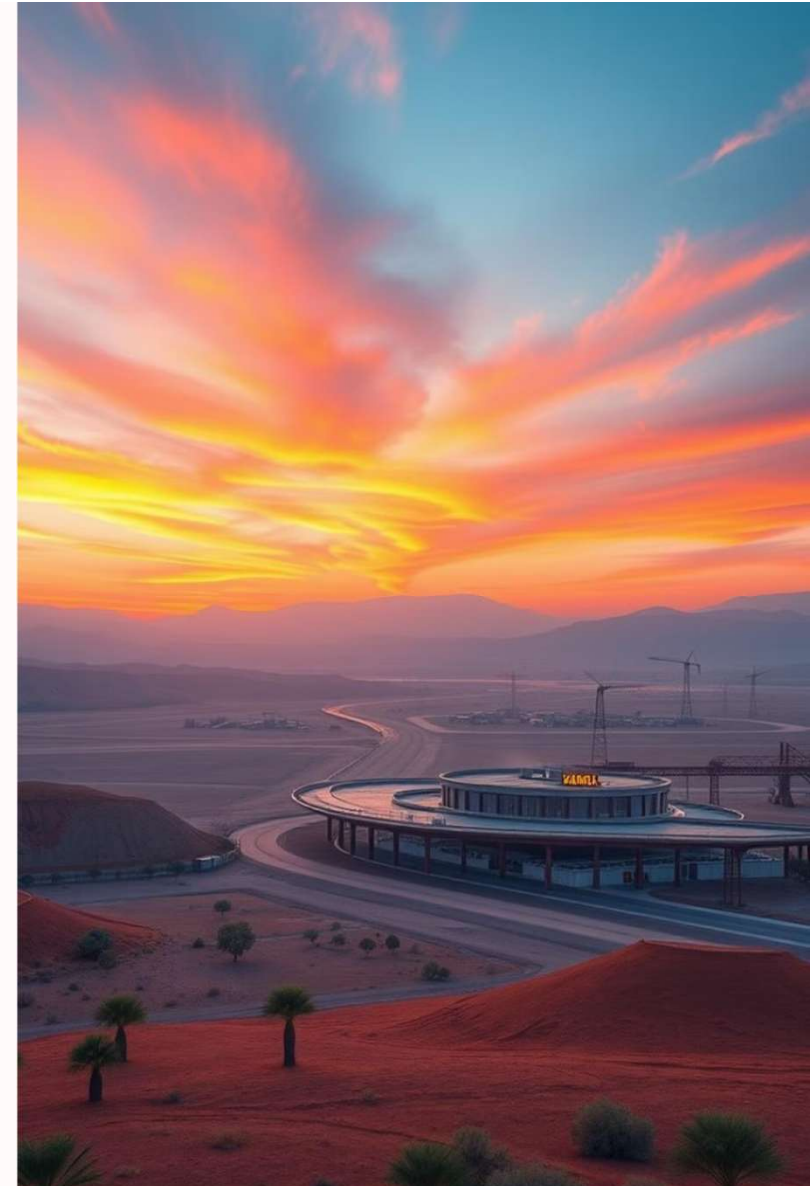
# ICTAZ 16th AGM

From the Copper Boom to the Digital Frontier, Zambia Must Adapt and Innovate.

Role of AI in revolutionizing Education and Industry



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Director of Regional Operations and Academic Programs, Astria Learning



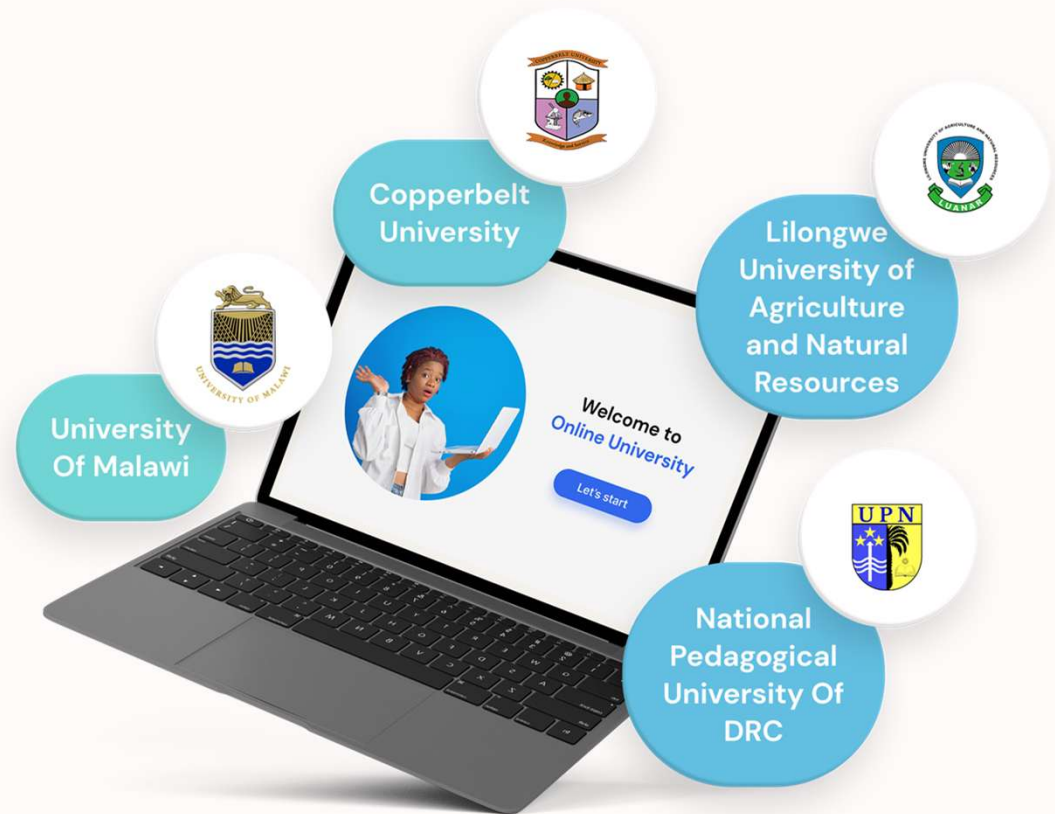


## Our Vision

To be the leading force in educational technology, empowering institutions with innovative solutions that enhance learning experiences worldwide.

## Our Mission

To create transformative digital tools that improve the quality, accessibility, and delivery of higher education, enabling institutions and learners to succeed.



# Why AI Matters for Zambia



## Economic Impact

AI could add \$15.7 trillion globally by 2030, transforming economies.



## Modernization Catalyst

AI drives innovation empowering Africa's workforce.



## Regional Vision

Zambia aspires to become a leading AI hub in Southern Africa.





# Astria Learning's Contribution

## Adaptive Platforms

Enhance learner engagement with personalised pathways.

## Online AI Programs

Deliver accessible courses focused on critical sectors.

## Strategic Partnerships

Collaborate to advance Zambia's Vision 2030 through education.

# AI in Education – Foundations

## Training Collaboration

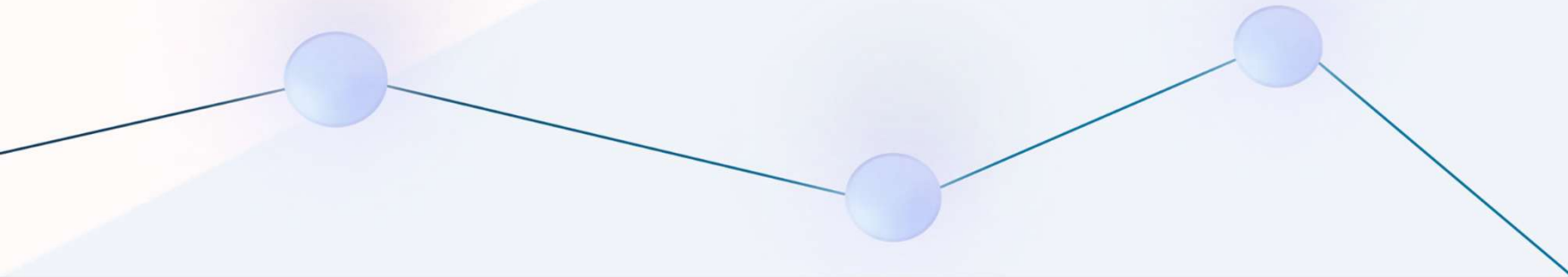
Partnership with Copperbelt University to roll out AI programs.

## 2000 Professionals Target

Goal to train 2,000 professionals in 12 months for workforce readiness.

## Curriculum Innovation

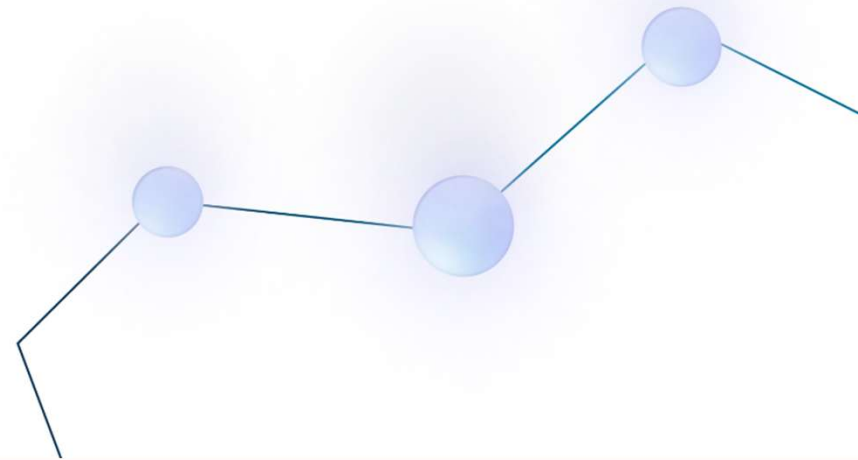
Includes AI-enhanced teaching methods and predictive analytics tools.





# Key Benefits for Education

- AI-ready graduates enhancing skill sets for future jobs
- Expanded AI research outputs empowering knowledge growth
- Community engagement with over 2,500 citizens involved
- Faculty upskilling with 50+ lecturers trained



# AI in Industry – Transforming Operations



## Applied AI Sectors

Enhancing cybersecurity, finance management, and public health monitoring.



## Efficiency Gains

40% improvement in operational effectiveness reported.



## Job Creation

New tech-based roles emerging across industries.

# Real Impact Projections

## Productivity Boost

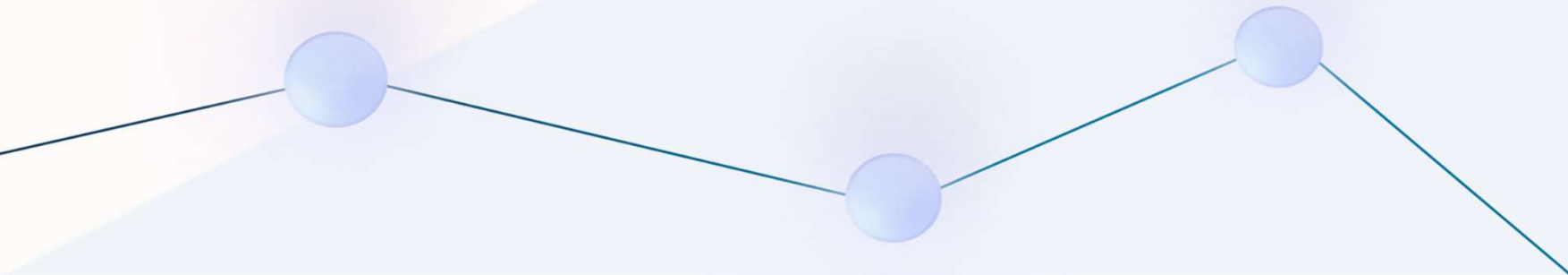
AI adoption expected to increase output significantly.

## Higher Earnings

AI-trained staff earn 20-40% more in tech roles.

## Digital Transformation

Cross-sector modernization gaining pace across Zambia.





# Challenges and Opportunities

## Challenges

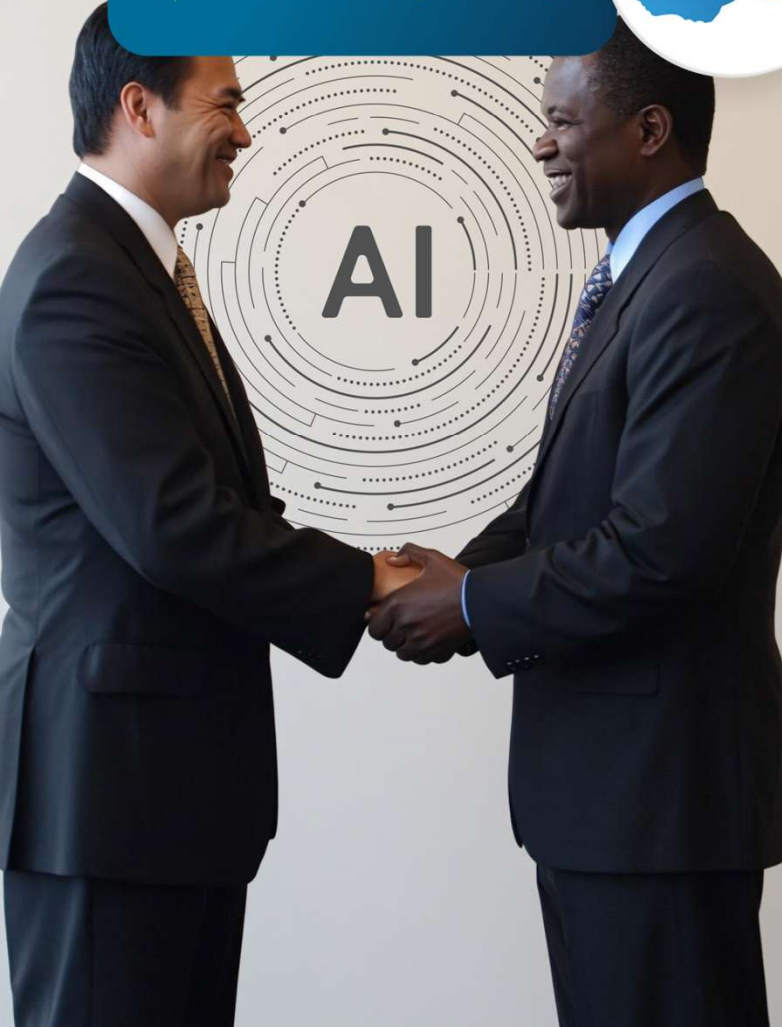
Gaps in infrastructure and AI skills remain a hurdle.

## Opportunities

Potential to lead Southern Africa as an AI and tech ecosystem hub.

## Global Competitiveness

AI integration critical for advancing Zambia's place globally.



## Call to Action

1

### **Public-Private Partnerships**

Strengthen collaborations to support AI growth.

2

### **Curriculum Integration**

Accelerate AI topics in education nationwide.

3

### **Investment in R&D**

Fund research and foster AI literacy for future workforce.



✦ AI Is Essential For Survival And Growth.

# From Copper to Code: Digital investments vital.

Astria Learning is a proud partner in this journey.

## Thank you!

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