

# AI Human Resource Development in Africa

## AI and Data Science Human Resource Development and African Economic Growth Initiative

◆ In August 2025, at TICAD 9, Prime Minister Ishiba announced a plan to **train 30,000 AI industry personnel in Africa over the next three years** through the **AI and Data Science Human Resource Development** and African Economic Growth Initiative.



◆ In collaboration with African universities and other institutions with which JICA has ties, as well as the University of Tokyo and the Matsuo Institute, Japan implements AI and data science human resource development programs (\*) in Africa.

◆ By facilitating connections between program graduates and local and Japanese companies for joint research, pilot projects, and entrepreneurship, Japan promotes industrial co-creation between Japan and Africa through the use of AI.

\*An introductory AI program that teaches AI technology through data science and cultivates the ability to solve diverse business challenges, including marketing. The curriculum covers a wide range of topics, from core data analysis technologies such as machine learning and big data processing to visualization skills, enabling participants to comprehensively master the data fundamentals.

## Establishing a Platform for African AI Centers of Excellence

◆ The objective is to develop world-class AI curricula, deliver AI education programs connecting Africa, Japan, and partners within and beyond the region, and organize AI innovation challenges centered on key hub universities in Africa.

◆ The initiative establishes core AI research hubs in various regions of Africa and creates an ecosystem that contributes to JICA's human resource development across Africa and the promotion of regional economies and industries, with a focus on **training 500 core AI professionals.**