2024 Summer Digital Innovation Bootcamp

: AI & Machine Learning and K-eGov Open-Source Framework in Ethiopia

As part of the capacity-building program for students at AASTU, an Ethiopian partner university, we plan to organize the 2024 Ethiopia Digital Innovation Bootcamp, focusing on AI image processing and the K-eGov open-source framework. This program aims to provide Ethiopian students with the opportunity to learn the latest AI image processing technologies and core digital innovation skills using the South Korean government's open-source Electronic Government Standard Framework.

Through this bootcamp, participants will enhance their practical skills, enabling them to apply these technologies effectively in real-world scenarios. The goal is to empower participants to take a leadership role in technological innovation in Ethiopia. This systematic and innovative learning experience will foster creative individuals who can drive technological innovation in Ethiopia.

Date & Place

- **Date :** August 7 (Wed.) - 9 (Fri.) / August 12 (Mon.) - 14 (Wed.), 2024
  (*After the first three days of camp, only those who passed the exam can participate in the subsequent three-day camp)
- **Venue :** Addis Ababa Science and Technology University(AASTU) Campus
  (The details of the classroom will be announced at a later date)

Schedule

AI & Machine Learning 1 & 2 | 9:00 - 12:00AM (max. 100 participants)

This introductory lecture focuses on the essential field of data labeling for AI, beginning with a discussion of technologies related to image processing within the field of artificial intelligence (AI). The class covers fundamental knowledge on how computers handle and process images, techniques for extracting necessary information from images, and the application of machine learning and deep learning technologies for this purpose. Additionally, the lecture provides insights into various data labeling techniques and their applications for efficient AI utilization. Emphasizing the applicability of data labeling in real-world industries and the significance of data management, the course aims to empower learners to envision new businesses in the AI industry.

K-eGov Open-Source Framework 1 & 2 | 9:00 - 12:00AM (max. 100 participants)

The Electronic Government Standard Framework of the South Korean government is an open-source development framework standardized for the efficient development and operation of e-government systems. It supports institutions in developing and managing e-government systems in a consistent manner according to established standards. Comprising various modules and services specialized in functions such as authentication, security, logging, and databases, it enhances system integration and interoperability, boosting development productivity and facilitating maintenance. This framework not only strengthens e-government services but also enables the easy development of a variety of services for universities, primary and secondary schools, and general businesses. Through this program, participants can specialize in system development and become skilled entrepreneurs and Java-based software developers.

Benefits

- As this is a camp, a **Perfect Attendance Award** will be given to students who attended all sessions
- After passing the exam and completing the entire camp, a **Certificate of Completion** will be issued by UNESCO UNITWIN.

Qualification

- “AI & Machine Learning” is **open** to all students for enrollment
- “K-eGov Open-Source Framework” prioritizes students majoring in computer-related fields.

Application

Due date
: July 21, 2024

Registration Fee: FREE
> **https://forms.gle/t3cQtCTYGkSeDgJa7**

Facebook

Full information regarding the camp will be uploaded on our Facebook page
> **https://url.kr/3d95ot**