***Open Machine Learning for Earth Observation (ML4EO) in Rwanda:***

***Developing and Implementing an Application Oriented Training***

**Program: Presence-based Training Block on**

**Module 8: Deploying EO-based ML Models**

**2-3rd June 2023, Digital Transformation Centre, Kigali**

**DAY 1:**

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| 09:00 - 09:30 | Welcome / opening of workshop   * Rules & regulations (quick recap) * Intro to M8, expectations & objectives |
| 09:30 – 10:00 | Informal group quiz M8 |
| 10:00 – 10:15 | Tea break |
| **LECTURES** | |
| 10:15 - 11:15 | Lecture, Q&A: Taking ML models into prototyping and production environments & low-code frameworks and platforms for rapid deployment  *With Abrham Gebreselasie, Research Associate, CMU Africa* |
| 11:15 – 11:30 | Leg stretching break |
| 11:15 – 12:00 | Exercise setup support (Heroku) |
| 12:00 – 13:00 | Lunch break |
| 13:00 – 14:00 | **Guest Lecture**, Q&A: Applications of ML4EO  *With Dr. Hamed Alemohammad, Geospatial Director and Professor at Clark University* |
| 14:00 – 15:00 | Exercise (independent with support from lecturers) |
| 15:00 – 15:15 | Tea break |
| 15:15 – 16:45 | Exercise (independent with support from lecturers) |
| 16:45 – 17:00 | Daily evaluation |

**DAY 2 - Exercises Support Day:**

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| 09:00 – 09:30 | * Recap of learnings of previous day * Feedback daily evaluation |
| 09:30 – 12:00 | General support for exercise completion from M4 to M8 |
| 12:00 – 13:00 | Lunch break |
| 13:00 – 16:00 | General support for exercise completion from M4 to M8 |