



# Certificate

This certifies that

**Ons Bahrouni**

has successfully conducted the 3-day  
**Green Coding Workshop Series**  
*organized by metafinanz.*

The trainer has demonstrated exceptional expertise in sustainable coding practices, as part of the MMIGIT (Metafinanz Maturity Model for Green in IT) framework.

## Achievements:

- Expert guidance on the proficient use of the Green Coding Measurement Lab to promote sustainable software development.
- Implementation and teaching of Green Coding Guidelines to enhance code sustainability.
- Fostering peer learning through interactive sessions and reviews.

Ons Bahrouni provided in-depth training on:

- Exploration of different **data types** and their efficiency, enabling participants to recognize more efficient data types and write cleaner, greener code.
- Understanding the fundamental differences and Use-Cases of various **structured data types**
- **Identifying inefficient code structures** and refactoring them for better performance
- Familiarizing the participants with analyzing the performance implications through Hands-On Experiments and working with **GCML** (Green Coding Measurement Lab)
- Supporting the participants with writing software programs using **efficient data types** and **improving software efficiency**.
- Supporting the participants with writing software programs using **efficient data structures** and **improving software efficiency**.
- Supporting the participants with writing software programs using **efficient code structures** and **improving software efficiency**.