**Final Project Overview:**

For your final project, you will be applying AI techniques to solve a real-world challenge related to one of the United Nations’ Sustainable Development Goals (SDGs). This project will allow you to demonstrate your ability to develop AI-driven solutions while addressing global issues such as poverty, health, climate action, or quality education, to cite some.

**Project Scope:**You must select one specific SDG and define a problem or challenge within that goal. Your task is to apply AI techniques to develop a solution that can contribute to solving this challenge. The project should include data collection or usage, model development, and evaluation of the solution's effectiveness.

**Deliverables:**

* Project Report:
  + A detailed report (10-15 pages) that outlines the problem, the AI methodology used, the results, and the impact on the SDG.
  + The report should include sections on problem definition, data processing, model design, results, and conclusions.
* Presentation:
  + A 15-20 minute presentation summarizing your project, key findings, and its potential impact.
  + You will present your project to your peers and instructors, focusing on the AI solution and its relevance to the SDG.
* GitHub Repository:
  + A well-organized GitHub repository with all the code used in your project.
  + The repository must include a README with clear instructions on how to run the code, data files or links to datasets, and all necessary documentation.

**Evaluation Criteria**Your project will be evaluated based on:

* Problem definition and relevance to the selected SDG.
* Data collection and preprocessing efforts.
* The AI methodology and techniques used.
* The results and how well they are evaluated using appropriate metrics.
* The impact of your solution on addressing the SDG.
* The quality of the report, presentation, and GitHub repository.

**Timeline**

* Project Start: 19.09.24
* Submission Deadline: 11.12.24
* Presentation Date: 12.12.24

This project is your opportunity to deepen your understanding of AI and its potential for addressing critical global challenges.