Introduction to Artificial Intelligence

Term Project – Proposal

Apr 14, 2025

Objectives

Practice and get familiar with Artificial Intelligence (AI). In this assignment you need to make use of the taught subject matters to design, analyze, or apply **AI for Sustainability**.

Requirements

- The proposal must include the following information:

  - Motivation, Relevance to "AI for Sustainability", Goal and Challenges
  - Related Work
  - Problem Formulation
  - Planned Method
  - Expected Results

- Format: 3–5 pages in IEEE format (10pt, two-column, single-spaced)

  - `https://www.ieee.org/conferences/publishing/templates.html`

- **Never ever plagiarize!!**

Submission

- ~~2025/04/14~~ **2025/04/27 24:00 (degrade by 10 points for each day delay)**

- Submit your team's proposal as a PDF via eeclass

Policy on AI-Generated Contents

*Work created by AI tools may **not** be considered original work and instead, considered **automated plagiarism**. It is derived from previously created texts from other sources that the models were trained on, yet doesn't cite sources.*

A responsible use of AI-based tools in completing coursework must be done in accordance with the following:

1. *You must clearly identify the use of AI-based tools in your work. Any work that utilizes AI-based tools must be clearly marked as such, including the specic tool(s) used. For example, if you use ChatGPT-4o, you must cite "ChatGPT-4o. (YYYY, Month DD of query). "Text of your query." Generated using OpenAI. https://chat.openai.com/"*

2. *You must be transparent in how you used the AI-based tool, including what work is your original contribution. An AI detector may be used to detect AI-driven work.*

3. *You must not use AI-based tools to generate the content of your work, but you may use them for editing.*

4. *You must ensure your use of AI-based tools does not violate any copyright or intellectual property laws.*

5. *You must not use AI-based tools to plagiarize without citation.*