

Green AI Project I: Getting started

In this first TD of the AI project we are going to choose a subject amongst the many possible to treat.

The project will need several parts

- A literature review that shows the state of the art on the topic that has been chosen
- A machine learning model that uses real world data to tackle an environmental problem
- A presentation that presents the literature review the methodology that your team has followed and the results of your experimentations

Question 1.

Make teams of 4-5 people with whom you will work for the project

Question 2.

Discuss about topics of interest and start a review of what it's being done on the subject with IA

Some examples of topics

- Energy consumption reduction
- Energy production
- Environment protection
- Endangered species tracking
- Pollution and waste management

Question 3. Search for 2 published papers related to your topic, either through Arxiv or from your previous search.

Question 4. Follow the data used by the published papers:

- Is the data available?
- Is it open source or in a public repository?
- What are the steps to get access to it?
- If none is readily available, search for other papers/topics

Question 5. Quickly present to the class the topic you'll be working on and the motivation of your choice.