Artificial Intelligence Project I & II

2024.08.06

College of Data Science

Course introduction

- Goals
  - Identify project topics related to data science
  - Showcase what you have learned during your undergraduate studies

- Expectations
  - Gain hands-on experience by tackling a significant problem or exploring a substantive topic in data science
  - Develop skills in identifying a significant problem, conducting in-depth research, analyzing data, and presenting findings

Artificial Intelligence Project II (2024 Fall)

- ONLY for those graduating in Feb 2025

- You don’t have to take the course, but MUST submit the reports and participate in the final project presentation
  - Project plan report (수행신고서)
  - Mid-term report (중간보고서)
  - Final report (최종보고서)
  - Final presentation (poster session) (최종결과 발표평가)

- While taking the courses is optional, it can help you manage your time more effectively (if you still need a course credit)

For those who will graduate in/after Aug 2025

- Taking both <**Artificial Intelligence Project I**> and <**Artificial Intelligence Project II**> courses is MANDATORY for your graduation

- Each course has identical submission requirements:
  - Project plan report (수행신고서)
  - Mid-term report (중간보고서)
  - Final report (최종보고서)
  - Final presentation (poster session) (최종결과 발표평가)

- The logistics of the graduation project will be explained in December 2024

Team formation

- Your project can be undertaken individually or in a group of up to two students
- Free to choose any project idea related to data science
  - Must include AI components
    - AI modeling, AI interpretation, human-centered AI, psychological AI understanding, …
  - Ideas should be challenging; overly simple ideas will be rejected
- A professor will be assigned to mentor your project

Things to remember

- Your project should be self-directed, allowing you to take full ownership of your work
- You are always welcome to ask questions and seek guidance from your assigned professor, but should do your best to solve them on your own (with your teammate)
- Choose topics that are challenging and thought-provoking
  - Reflect on why you are drawn to solving a particular problem
  - Tasks that are too simple or easy will be rejected
  - If you are uncertain about your project topic, consult with your professor for clarity
- Starting your project early will greatly enhance your performance and ensure a more successful outcome