

Ethical Reflection on AI Project

In a future project where I plan to develop an AI-based recommendation system for educational resources, I will prioritize ethical AI principles from the start. First, I will ensure **data privacy** by collecting only the minimum necessary personal information and anonymizing student data wherever possible. This protects individuals' autonomy and aligns with GDPR requirements.

Second, I will address **algorithmic bias** by auditing training data for underrepresented groups and applying fairness-aware algorithms. Regular testing will measure metrics like disparate impact and equal opportunity difference to ensure equitable treatment of all students, regardless of background.

Then, I will implement **transparency and explainability**. Users will have access to clear explanations of why certain resources are recommended and the criteria influencing these recommendations. This builds trust and enables accountability.

Finally, I will ensure **continuous monitoring** and feedback loops. The system will be updated regularly to correct unintended biases or inaccuracies. By embedding these ethical practices into the design, deployment, and maintenance of the AI system, I aim to create a responsible, human-centric tool that supports fair and inclusive learning outcomes.