

In a future project, I plan to develop an AI-powered recommendation system for educational resources. To ensure ethical AI principles are upheld, I will start by carefully curating a diverse and representative dataset, minimizing the risk of bias toward any group of students. I will prioritize transparency by documenting data sources, model design, and decision-making processes, allowing users and stakeholders to understand how recommendations are generated. Explainability will be built into the system so that students and educators can see why certain resources are suggested, fostering trust and accountability. Data privacy and user autonomy will be respected by collecting only necessary data, obtaining informed consent, and providing options to opt out. Additionally, I will implement continuous monitoring and evaluation of fairness metrics to detect and mitigate unintended bias over time. By integrating these practices, the project will align with ethical principles of justice, non-maleficence, and autonomy, creating a system that supports learners equitably and responsibly.