Ethical Implications of User Classification in AI Systems

Yuxiao Ma   5916305

Based on my BSc as a Data Science and Big Data Technology student, I was involved in deploying machine learning models for classification. While these AI systems were efficient in segmenting users based on behavior and preferences, the ethical dimensions of such classifications became apparent. This is a big problem because it's about treating people right and keeping their data safe.

The challenge lies in balancing the technological capabilities of deep learning and AI classification algorithms with ethical considerations. At the time, there weren't many rules for using AI without being unfair. Most people just cared about making things better for users, not if the AI was biased.

With the rise of data-based models like GPT-4, the ethics of AI classification are increasingly scrutinized. By surveying AI experts and examining case studies, doing this research could help create ethical standards for these systems.