

Influence of Ethical Behavior on the Utilization of Artificial Intelligence among Students in a Catholic School

Kenneth Ray C. Bombales

Assumption College of Davao, Davao, Philippines

Christine Marie D. Ordaneza

Assumption College of Davao, Davao, Philippines

Jerome M. Dela Peña

Assumption College of Davao, Davao, Philippines

Abstract

This research investigates the influence of ethical behaviors on the utilization of artificial intelligence (AI) among students in a Catholic school setting. With the increasing integration of AI in education, it is crucial to assess students' proficiency and ethical considerations when employing these technologies. The study aims to discern the levels of AI ethical behaviors in terms of academic integrity, ethical awareness, bias, and interest value, alongside their AI utilization levels in academic, utility, cost, and attainment contexts. Employing a descriptive-correlational research design, data were collected from 444 respondents across various educational levels, confirming the relationship between ethical behavior and AI utilization. The findings revealed a very strong positive correlation between students' ethical behavior and their engagement with AI tools, indicating that higher ethical standards foster greater utilization. Furthermore, the results showed that only the interest value significantly influenced AI utilization, underlining the importance of students' perceptions in shaping their AI engagement. This study culminates in the development of an AI policy and guidelines manual aimed at promoting responsible and ethical AI usage in educational settings. Recommendations include enhancing student orientation programs on AI ethics and utilization to ensure a balanced approach to technology integration in academic workflows.

Keywords

AI behavior, AI utilization, ethical awareness, utility, academic, and interest value.