

ChatGPT and Artificial Intelligence Tools: Opportunities and Challenges for Libraries

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Abstract: *Artificial Intelligence (AI) has emerged as a transformative force in library and information services. Recent developments such as ChatGPT and other conversational AI tools have opened new possibilities for enhancing user interaction, automating routine operations, and supporting teaching and research activities. This paper presents a comprehensive and original analysis of the opportunities and challenges associated with the application of ChatGPT and AI tools in academic libraries. Based on secondary data, professional reports, and critical analysis, the study discusses service efficiency, user engagement, ethical concerns, data privacy issues, and the evolving role of library professionals. The findings suggest that while AI tools offer substantial benefits, their effective use requires careful planning, ethical oversight, and continuous skill development among librarians.*

Keywords: Artificial Intelligence, ChatGPT, Academic Libraries, Digital Transformation, Library Services, Ethics

