

Artificial Intelligence in Libraries: A Nascent Field with Promising Potential

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Abstract: *The enduring principle of "survival of the fittest," as articulated by Charles Darwin, applies equally to libraries in the digital age. To remain relevant and deliver exceptional services, libraries must embrace emerging technologies like artificial intelligence (AI). This paper explores the transformative potential of AI in libraries, focusing on its ability to improve services for existing users and attract new ones. It examines the core applications of AI across various library functions, emphasizing its role in acquisitions, technical services, circulation, reference, and user support. Additionally, the paper discusses the fundamental requirements and potential challenges associated with AI implementation in libraries. Ultimately, the paper argues that AI adoption is not just an option, but a necessity for libraries to thrive in the digital landscape*

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