Role of Artificial Intelligence in Increasing Parental Engagement and Home Learning

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Abstract

Parental engagement plays a vital role in enhancing students' academic performance, motivation, and overall development. With the increasing shift toward digital and home-based learning, especially after the COVID-19 pandemic, parents are required to take a more active role in their children's education. Artificial Intelligence (AI) has emerged as a powerful tool to support and strengthen parental involvement in home learning environments. This research paper explores how AI-based educational technologies can increase parental engagement by providing personalized learning support, real-time feedback, learning analytics, and collaborative learning opportunities. The study reviews existing literature on AI-mediated family learning, discusses benefits and challenges, and highlights how AI can foster effective parent-child collaboration. The paper concludes that while AI has significant potential to enhance parental engagement, careful implementation, digital literacy, and ethical considerations are essential for successful outcomes.

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