

A Review on Cloud Computing in E-Learning

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Abstract: *The recent surge in e-learning platforms has propelled the integration of online communication systems and data mining into the teaching-learning process. This study focuses on the pivotal role of cloud computing as a supportive infrastructure for e-learning solutions. Cloud computing's inherent scalability addresses the dynamic nature of educational resource demands, automatically adjusting to optimize efficiency over time. By leveraging data mining techniques within a distributed environment facilitated by cloud computing, the study aims to enhance the educational paradigm. It provides a succinct overview of the current state of cloud computing, emphasizing infrastructure designed for e-learning specificity. Realworld examples illustrate the seamless integration of cloud computing and elearning methodologies, showcasing their transformative impact on education. This research underscores the synergy between scalable cloud resources and data mining analytics, paving the way for an evolved educational landscape in the digital age.*

Keywords: Cloud computing's