

# Machine Learning Approaches for Improvising Modern Learning Systems

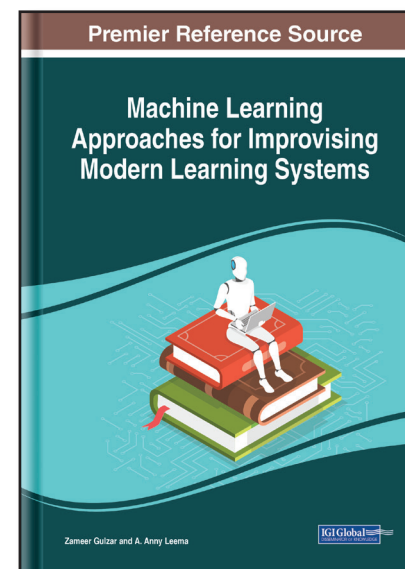
Part of the Advances in Educational Technologies and Instructional Design Book Series

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## Description:

Technology is currently playing a vital role in revolutionizing education systems and progressing academia into the digital age. Technological methods including data mining and machine learning are assisting with the discovery of new techniques for improving learning environments in regions across the world. As the educational landscape continues to rapidly transform, researchers and administrators need to stay up to date on the latest advancements in order to elevate the quality of teaching in their specific institutions.

**Machine Learning Approaches for Improvising Modern Learning Systems** provides emerging research exploring the theoretical and practical aspects of technological enhancements in educational environments and the popularization of contemporary learning methods in developing countries. Featuring coverage on a broad range of topics such as game-based learning, intelligent tutoring systems, and course modelling, this book is ideally designed for researchers, scholars, administrators, policymakers, students, practitioners, and educators seeking current research on the digital transformation of educational institutions.



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## Topics Covered:

Cloud Technology  
Course Modelling  
Flipped Classrooms  
Game-Based Learning  
ICT Applications

Intelligent Tutoring Systems  
Learning Management Systems  
Learning Object Repositories  
Mobile Learning  
Recommender Systems

**Subject:** Education

**Classification:** Edited Reference

**Readership Level:** Advanced-Academic Level  
(Research Recommended)

**Research Suitable for:** Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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