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Vikrant Bhateja, Preeti Patel, Milan Simic

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Creative AI Tools and Ethical Implications in Teaching and Learning Keengwe, Jared, 2023-09-18 As generative Artificial Intelligence AI tools become increasingly prevalent it is crucial for educators to develop a nuanced understanding of the ethical implications associated with their use Educators today face the critical task of navigating the pedagogical applications of AI and maximizing its potential to foster student learning Creative AI Tools and Ethical Implications in Teaching and Learning is an insightful exploration of the ethical considerations surrounding the integration of AI in education Educators may fear how it will rapidly transforming the educational landscape but this book serves to support them and delves into the opportunities and challenges that arise when leveraging AI to enhance teaching and learning experiences Creative AI Tools and Ethical Implications in Teaching and Learning goes beyond theory to offer practical strategies for integrating AI creatively into the classroom From learning analytics and educational data mining to AI game activities and generative AI tools like ChatGPT this book equips educators with the knowledge and resources to adapt AI technologies to support teaching and learning effectively Moreover the book explores the vital connection between AI and student assessment highlighting how AI can enhance the evaluation process while maintaining fairness and objectivity It concludes with an insightful glimpse into the future of AI in education envisioning the transformative possibilities that lie ahead This comprehensive guide provides educators researchers and policymakers with the tools they need to navigate the complexities of AI in education Improving Student Assessment With Emerging AI Tools Moreira, Filipe T., Teles, Rui Oliva, 2024-11-29 Traditional assessment methods often struggle to provide a comprehensive view of student understanding and capabilities leading to a one size fits all approach However AI driven tools offer personalized adaptive assessments that can adjust to individual learning styles and paces These technologies can analyze vast amounts of data to identify trends learning gaps and specific areas where students may need additional support By harnessing AI for assessments educators gain real time insights enabling them to tailor instruction and provide targeted feedback AI can streamline administrative tasks allowing teachers to focus on fostering meaningful learning experiences Further exploration into these tools may enhance the assessment landscape making it more dynamic inclusive and effective for diverse learners Improving Student Assessment With Emerging AI Tools explores the positive effects of AI tools on educational assessments The impact of intelligent technology on automated grading teaching and learning is examined This book covers topics such as learning styles personalized learning and teacher training and is a useful resource for academicians educators computer engineers A Writer's Reference with Writing about Literature Diana Hacker, Nancy data scientists and researchers Sommers, 2024-10-01 Your college writing will be one way you put your ideas and your self out into the world A Writer's Reference helps you strengthen your skills for that important work It helps you develop a range of literacies writing reading thinking collaborating using information and working responsibly with AI Acknowledging that generative AI tools are part of

many writer's processes A Writer's Reference teaches concrete flexible strategies for applying your human intelligence to artificial intelligence see C1 a and the AI tips throughout It helps writers to see AI not as a substitute but a starting point because if you ve heard the expression you do you know that AI simply can t do you Not authentically It seems magical but in fact it understands nothing can t think and won t ever replace the human voice your readers will want to hear Reference with Exercises Diana Hacker, Nancy Sommers, 2024-09-26 A Writer's Reference with Exercises answers common writing questions helps you accomplish college assignments with confidence and gives you strategies for using AI tools responsibly to save time but still sound like you Intelligent Data Engineering and Analytics Vikrant Bhateja, Preeti Patel, Milan Simic, 2025-03-25 The book presents the proceedings of the 12th International Conference on Frontiers of Intelligent Computing Theory and Applications FICTA 2024 held at Intelligent Systems Research Group ISRG London Metropolitan University London United Kingdom during June 6 7 2024 Researchers scientists engineers and practitioners exchange new ideas and experiences in the domain of intelligent computing theories with prospective applications in various engineering disciplines in the book This book is divided into four volumes It covers broad areas of information and decision sciences with papers exploring both the theoretical and practical aspects of data intensive computing data mining evolutionary computation knowledge management and networks sensor networks signal processing wireless networks protocols and architectures This book is a valuable resource for postgraduate students in various engineering disciplines

AI Algorithms and ChatGPT for Student Engagement in Online Learning Bansal, Rohit, Chakir, Aziza, Hafaz Ngah, Abdul, Rabby, Fazla, Jain, Ajay, 2024-05-28 The shift to virtual education has presented numerous challenges including maintaining student focus and participation Traditional methods of instruction often need to catch up in capturing the attention of digital learners leading to disengagement and reduced learning outcomes However there is a solution at hand AI Algorithms and ChatGPT for Student Engagement in Online Learning offers a comprehensive approach to leveraging artificial intelligence AI algorithms and ChatGPT to enhance student engagement in digital classrooms This book addresses the pressing need for innovative strategies to keep students actively involved in their online learning journey By harnessing the power of AI algorithms educators can personalize learning paths to suit individual student needs ensuring that content is relevant and engaging Additionally ChatGPT serves as a virtual assistant providing students with instant feedback and support fostering a sense of connection to the learning process **Teaching Grammar in the English Language Classroom** Gusti Astika, 2025-08-24 Teaching Grammar in the English Language Classroom From Theory to Practice is a comprehensive guide for educators seeking to bridge the gap between grammar theory and effective classroom practice This book explores grammar not merely as a set of rules to be memorized but as a dynamic tool for communication and language development Grounded in both traditional and contemporary approaches it provides teachers with the knowledge strategies and practical tools to teach grammar in engaging meaningful ways The book begins by defining grammar and its essential

components morphology syntax and patterns highlighting its central role in language competence and its interplay with reading writing speaking and listening It then explores key theories of grammar acquisition from behaviorist drills to cognitive processing Krashen's Input Hypothesis Swain's Output Hypothesis usage based approaches and sociocultural perspectives helping teachers understand how learners internalize grammatical structures Practical approaches to teaching grammar are presented with clarity including deductive and inductive methods focus on form versus focus on meaning explicit and implicit instruction and task based learning models The book emphasizes integrating grammar into communicative language teaching using techniques such as dictogloss input enhancement and information gap tasks to balance accuracy with fluency Innovative tools and methods are explored including corpus based instruction data driven learning technology enhanced teaching AI supported feedback and gamified activities Detailed guidance is provided on selecting and sequencing grammar content designing lessons assessing grammar knowledge and tailoring instruction for diverse learner groups from young learners to academic English students Beyond methods and tools the book encourages reflective practice offering strategies for lesson reflection action research peer observation and professional growth It also situates grammar teaching within contemporary frameworks including CEFR standards CLIL genre based approaches and systemic functional linguistics Finally the book looks ahead to the future of grammar teaching highlighting trends such as adaptive learning multimodal instruction and AI supported personalization urging educators to rethink grammar as patterning for meaning in an ever evolving classroom Designed for pre service and in service teachers teacher educators and curriculum developers Teaching Grammar in the English Language Classroom From Theory to Practice is both a practical handbook and an inspiring guide equipping teachers to foster confident competent and communicative language learners

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MACBOOK AIR 2025 (M4) USER GUIDE Techlin Press,2025-09-10 Unlock the Power of Your MacBook Air 2025 M4 Embrace Ease Create a Digital Life That Thrives Mastering your MacBook Air 2025 M4 doesn t have to feel daunting We created MacBook Air 2025 M4 User Guide A Complete Step by Step Manual for Beginners and Seniors to Unlock New Features and Maximize Efficiency because we understand the challenges you re facing navigating a new device while adapting to macOS Sequoia's advanced features This isn't just another tech manual It's your personal guide to success crafted by Techlin Press experts who know where beginners and seniors struggle Our detailed step by step instructions mirror real world tasks from setting up FileVault to mastering Automator with clear explanations for the features that often confuse users Why This Guide Stands Out Tailored Tutorials Step by step lessons for setup security and automation Accessibility Tips Easy guides for VoiceOver Zoom and Voice Control Setup Hacks Quick tips for initial setup and iCloud sync

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The Latest and Best of TESS ,1991 SRA Open Court Reading WrightGroup/McGraw-Hill,2001-06 How to speak Hindūstānī, being an easy guide to conversation in that language designed for the use of soldiers E. H. Rogers,1879

School Shop,1962 **Artificial Intelligence** Masoud Yazdani, Ajit Narayanan, 1984 *A Guide to Commercial Artificial Intelligence* Wendy B. Rauch-Hindin, 1988 Rauch Hindin discusses how artifical intelligence AI differs from traditional programs and the strategies and problems of bringing AI into an organization She explains how systems with specialized problem solving expertise work and how to build one using AI application development tools She also covers a number of real world AI applications in industry business and finance science medicine and engineering AI programming languages the different types of computer hardware that can run AI systems and the underlying concepts and potential of state of the art expert systems for automated programming ISBN 0-13-368770-8 pbk 28-95 *Popular Mechanics Magazine*, 1928 **PC AI.**, 1989 *A New English Dictionary on Historical Principles* James Augustus Henry Murray, Henry Bradley, Sir William Alexander Craigie, Charles Talbut Onions, 1928

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