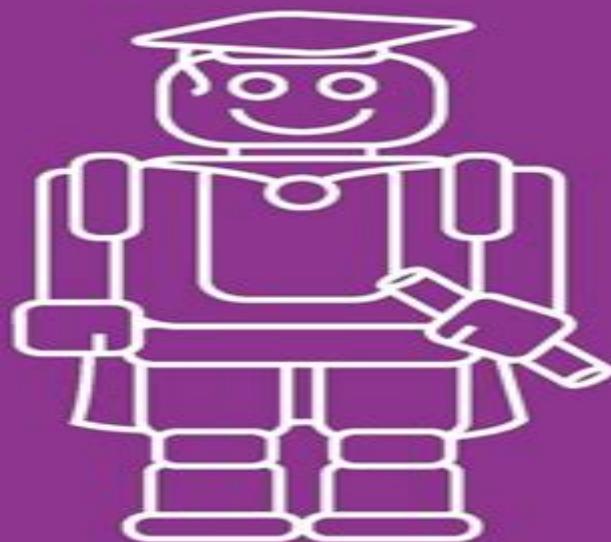


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# Artificial Intelligence in Second Language Learning

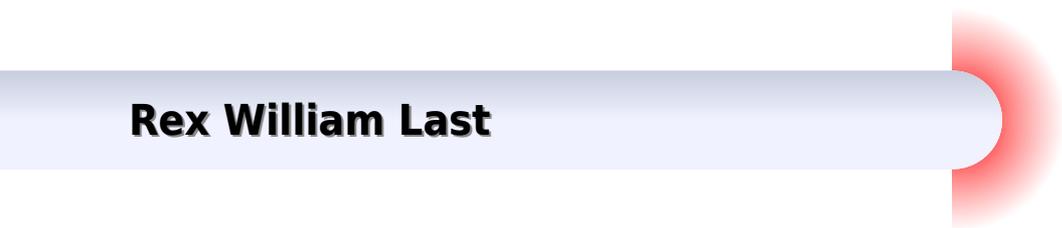
**Raising Error Awareness**



**Marina Dodigovic**

# Artificial Intelligence In Second Language Learning Raising Error Awareness

**Rex William Last**



## **Artificial Intelligence In Second Language Learning Raising Error Awareness:**

*Artificial Intelligence in Second Language Learning* Marina Dodigovic, 2005 The aim of this volume is to cater to a wide range of audiences associated with the field of Computer Assisted Language Learning CALL In a true cross disciplinary fashion it brings together instances of research in second language acquisition language awareness computer assisted language learning artificial intelligence and natural language processing It is intended for language teachers students of applied linguistics and language engineering as well as for applied linguists in general Jacket *Errors and Intelligence in Computer-Assisted Language Learning* Trude Heift, Mathias Schulze, 2007-11-13 This book provides the first comprehensive overview of theoretical issues historical developments and current trends in ICALL Intelligent Computer Assisted Language Learning It assumes a basic familiarity with Second Language Acquisition SLA theory and teaching CALL and linguistics It is of interest to upper undergraduate and or graduate students who study CALL SLA language pedagogy applied linguistics computational linguistics or artificial intelligence as well as researchers with a background in any of these fields Artificial Intelligence and Error Correction in Second and Foreign Language Pedagogy Kerwin Anthony Livingstone, 2012

**Artificial Intelligence Techniques in Language Learning** Rex William Last, 1989 *Artificial Intelligence in Our Language Learning Classrooms* Louise Ohashi, Mary Hillis, Robert Dykes, 2025-11-21 *Artificial Intelligence in Our Language Learning Classrooms* brings together leading researchers and practitioners exploring the pedagogical ethical and emotional dimensions of generative AI GenAI in second language L2 education Across two major sections L2 skill development and broader educational perspectives contributors offer theory informed and practice oriented insights into how GenAI can transform language teaching and learning Topics include conversational AI and chatbots writing development extensive reading pragmatics instruction ethics emotions and teacher led inquiry Through a balance of optimism and critical reflection this volume situates AI integration within established educational frameworks supporting teachers as they navigate the rapidly evolving technological landscape The book emphasizes teacher agency responsible innovation and the centrality of human connection in AI enhanced classrooms By combining empirical research case studies and reflective narratives it addresses both opportunities and challenges in using GenAI tools for language education This comprehensive resource is essential reading for language teachers researchers and teacher educators seeking to build informed ethical and pedagogically grounded approaches to AI integration in the L2 classroom *AI's Role in Language Learning and Communication* Shukla, Ankit, Meeprom, Benjaporn, Khunasathitchai, Kongkiat, Yadav, Nagendra, 2025-06-27 With advancements in natural language processing machine learning and speech recognition AI powered tools like chatbots virtual tutors and real time translation apps make language acquisition more personalized accessible and efficient These technologies assist learners in mastering vocabulary and grammar fostering meaningful interactive communication experiences As AI evolves its role in language learning and global communication becomes vital bridging gaps and opening

new opportunities for connection in a digital world AI's Role in Language Learning and Communication explores how AI enhances language learning through personalized instruction real time feedback and interactive tools It examines AI's impact on global communication by breaking down language barriers and enabling more seamless cross cultural interactions This book covers topics such as communication studies language instruction and automation and is a useful resource for educators engineers academicians researchers and scientists

Insights into AI and Language Teaching and Learning Yijen Wang, Antonie Alm, Gilbert Dizon, 2025-04-16 Overview Language educators often have varied levels of comfort and expertise with emerging technologies like Artificial Intelligence AI This creates a pedagogical gap that must be filled to ensure that educators can make informed choices about the technologies they integrate into their classrooms The primary aim of Insights into AI and Language Teaching is to function as a comprehensive training guide for language educators interested in incorporating AI technologies into their teaching practice for foreign second language education across a variety of language contexts not just English as a Foreign Language EFL but also for the teaching of other foreign languages This book aims to act as a bridge guiding teachers from a basic understanding of AI to a level where they can confidently employ it as part of their teaching toolbox As teachers have a long lasting impact on how students view learning adopt new technologies and even how they perceive themselves this book will therefore focus not only on technology but also on how teachers can be empowered to use AI in a way that enhances their influence and the positive impact they can have on their students

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**Artificial Companion for Second Language Conversation** Sviatlana Höhn, 2019-06-21 The research described in this book shows that conversation analysis can effectively model dialogue Specifically this work shows that the multidisciplinary field of communicative ICALL may greatly benefit from including Conversation Analysis As a consequence this research makes several contributions to the related research disciplines such as conversation analysis second language acquisition computer mediated communication artificial intelligence and dialogue systems The book will be of value for researchers and engineers in the areas of computational linguistics intelligent assistants and conversational interfaces

**Errors in Language Learning and Use**

Carl James, 2013-12-02 *Errors in Language Learning and Use* is an up to date introduction and guide to the study of errors in language and is also a critical survey of previous work. Error Analysis occupies a central position within Applied Linguistics and seeks to clarify questions such as Does correctness matter Is it more important to speak fluently and write imaginatively or to communicate one's message Carl James provides a scholarly and well illustrated theoretical and historical background to the field of Error Analysis The reader is led from definitions of error and related concepts to categorization of types of linguistic deviance discussion of error gravities the utility of teacher correction and towards writing learner profiles Throughout the text is guided by considerable practical experience in language education in a range of classroom contexts worldwide

**AI-Mediated Language Education in the Metaverse Era** Yu-Ju Lan, Grace Yue Qi, Dorothy Chun, 2025-10-13 This book provides open discussions and dialogues around the latest research and development on applying AI and ubiquitous technologies into various language learning contexts Living in the Metaverse era arguably a turning point in the evolution of the Internet it is vital for researchers and practitioners to rethink and reconsider human and AI relationships in transforming the way we teach learn and live in everyday life Reinders et al 2022 amongst Computer Assisted Language Learning CALL researchers have emphasised the need to conduct more research on language learning in the classroom and beyond that makes real connections with what language learners do for their learning today More importantly language educators must find ways to support language learning in this new era What is urgently needed is a consolidation and synthesis of theoretical foundations visions and the latest research findings and practices on the integration of AI and ubiquitous technologies and language education from diverse perspectives This book comprising of contributions regarding contextualised AI mediated language learning and teaching provides researchers practitioners and teacher educators with an opportunity to closely engage in research informed practices and intellectual dialogues on potential opportunities and challenges in the Metaverse era It also helps to facilitate the development of equitable sustainable and just practices for the diversity of language learners today

[Transforming the Language Teaching Experience in the Age of AI](#) Kartal, Galip, 2023-09-11 *Transforming the Language Teaching Experience in the Age of AI* edited by Galip Kartal is a vital resource that addresses the evolving challenges in language education due to technological advancements This book offers a comprehensive analysis of AI's impact on language education providing innovative research practical insights and interdisciplinary collaboration opportunities From AI driven language learning methods to ethical considerations the book equips educators policymakers and researchers with valuable insights to shape effective educational strategies and policies inspiring the adoption of innovative approaches that harness AI's potential to enhance language teaching Through successful case studies and forward thinking perspectives *Transforming the Language Teaching Experience in the Age of AI* envisions a future where AI driven methodologies redefine global language education This publication not only facilitates a deeper understanding of AI's role in language education but also fosters a shared vision

among educators and researchers promoting a transformative and collaborative learning experience for students worldwide

*Written Corrective Feedback in Second Language Acquisition and Writing* John Bitchener, Dana R. Ferris, 2012-03-15 This book critically analyzes and synthesizes parallel and complementary strands of research on error feedback both oral and written in second language acquisition SLA and on the impact of error correction in second language writing SLW

Research Trends in Discourse Analysis and Language Acquisition in the Artificial Intelligence Era Maria Luisa Carrió-Pastor, Carlos. Perrián-Pascual, 2026 This volume reflects on this topic and adds information about the different approaches within discourse analysis and language acquisition that consider artificial intelligence AI This book challenges the traditional approach to discourse and language acquisition incorporating technology and AI's role in language studies It is distinctive in the sense that it offers several chapters that focus on linguistic analysis considering AI The particular benefits offered by its content scope organization and or educational features are that it provides two aspects that are crucial in Linguistics on the one hand it shows the use of AI in discourse analysis and on the other it focuses on the advances in language acquisition with the incorporation of AI The needs it aims to satisfy are to show examples of the use of AI and the advances in language that include AI demonstrating that linguistic studies can be complemented with AI

**Implementing AI Tools for Language Teaching and Learning** Pham, Vu Phi Ho, Lian, Andrew, Lian, Ania, Barros, Sandro R., 2025-04-30 The implementation of artificial intelligence AI tools has revolutionized language education For teachers and students it provides more options for personalized learning that can be utilized inside or outside of the classroom with real time feedback While AI has been pivotal in making language education accessible for students including those in special education it has its drawbacks in terms of algorithm bias decreased human interaction and security concerns This calls for responsible use of AI in language education and further professional development for teachers to enhance their experience of language learning Implementing AI Tools for Language Teaching and Learning explores the advancement of digital technology in language education and the implications it has for the future of learning It covers various AI driven applications for language acquisition and translation as well as the impact they may have on students cognitive abilities and performance Covering topics such as essay writing skills long short term memory LSTM models and handwritten text recognition this book is an excellent resource for language educators policymakers professionals researchers academicians and more

Technology and the Psychology of Second Language Learners and Users Mark R. Freiermuth, Nourollah Zarrinabadi, 2020-03-25 This edited volume brings together large scale research as well as case studies from a range of geographical contexts and represents a variety of educational settings involving second language learners and users Its aim is to explore the interrelated issues of psychology and technology use in second language learning settings as well as in more autonomous environments As language learning professionals continue to devote more time and attention to making various technological tools an integral part of the classroom it is just as important to understand the influences that these tools have on the

psychological state of the learners who use them In consideration of this objective the volume examines factors such as learner attitudes and motivation emotion and behaviour and the cognitive processes that are at play in the minds of the language users This volume will be of interest not only to language teachers but also to researchers working in second language acquisition SLA applied linguistics and educational psychology

*Treatment of Error in Second Language Student Writing* Dana Ferris, 2011 Come comportarsi di fronte agli errori di scrittura in inglese per studenti che non sono di madre lingua inglese

*Corrective Feedback, Individual Differences and Second Language Learning* Sheen Younghee, 2011-02-27 This book explores current thinking about the role of corrective feedback in language learning and teaching Corrective feedback is a topic that is of relevance to both theories of second language learning and language pedagogy Younghee Sheen an Assistant Professor of Applied Linguistics at the American University in Washington D C offers a new perspective by reviewing a wide body of research on both oral and written corrective feedback and its contribution to second language acquisition She also reports the results of her own study pointing to the need to examine how individual factors such as anxiety and language aptitude mediate learners ability to benefit from the oral and written feedback they receive This book is an important resource for students and scholars of applied linguistics and second language acquisition It will also be of interest to language teachers and teacher educators wanting to deepen their understanding of error correction strategies in the classroom

**Cognitive Modelling and Interactive Environments in Language Learning** Frits L. Engel, Don G. Bouwhuis, Tom Bösser, Gery d' Ydewalle, 2011-12-21 The papers in this book are the result of the NATO conference Cognitive Modelling and Interactive Environments that was held in Mierlo the Netherlands November 5 8 1990 Within the framework of the NATO Advanced Research Workshops this invitational conference was naturally on learning but it emphasized a number of factors that are not generally treated in discussions on learning and specifically in computer assisted learning It was realized by the originators of the conference that with respect to computer assisted instruction the stage has not nearly been reached where it is well known how a successful interactive instructional environment has to be created This contrasts strongly with the sheer number of computerized learning programs that exist already and continue to be produced Frequently the motivation to create a computer assisted learning program is heavily connected with a scientific discipline Logically it is the proper task for instructional science to produce instructional programs The high degree of formalization in linguistics allows one often in a straightforward way to automate learning programs for language instruction Artificial intelligence in its endeavour to capture basic principles of knowledge representation and knowledge acquisition leads naturally to Intelligent Tutoring Systems Computer science is the logical breeding ground for programs that manipulate knowledge for many different students that register actions reliably and that automate parts of time intensive teaching tasks The joint concern of all of these approaches is the transfer of knowledge

*Errors in the Second Language Classroom* Juan de Dios Martínez Agudo, 2010 Errors in the Second Language Classroom Corrective Feedback was written in response to an

overwhelming demand from non native teachers of L2 FL who wish to provide an effective corrective feedback on learners errors The main purpose of this book is then to explore and synthesize insights into this issue from classroom based observational research as well as teachers experience and reflection This book provides readers with a collection of original papers covering diverse aspects of error treatment in the second language classroom In fact this book provides an in depth discussion on specific issues of error correction This book is intended primarily for all those who teach a second language L2 or foreign language FL anywhere in the world under any circumstances and who wish to know more about the issue of corrective feedback It can also be used as a helpful reference text or handbook for student teachers Likewise it can be used as a sourcebook for teacher educators

**AI Applications for English Language Learning** Ali, Muhammad Mooneeb, Anwar, Muhammad Nadeem, Fazal, Shawana, Ayyaz, Shazia, 2025-03-14 The integration of artificial intelligence in language learning is transforming education by making language acquisition more personalized efficient and accessible AI powered tools such as intelligent tutoring systems and adaptive learning platforms enable learners to receive real time feedback customized lessons and immersive experiences tailored to their proficiency levels These advancements help bridge language barriers enhance engagement and support diverse learning needs making education more inclusive As AI continues to evolve its role in language learning will not only improve proficiency but also redefine traditional teaching methods equipping educators with innovative strategies to enhance student success AI Applications for English Language Learning explores the transformative role of artificial intelligence in English language learning examining innovative AI tools and methodologies that enhance language acquisition It provides practical insights on leveraging AI driven solutions to improve proficiency engagement and adaptability in the evolving educational landscape Covering topics such as students receptive skills English as a foreign language EFL and cultural adaptations this book is an excellent resource for educators school administrators curriculum developers professionals researchers scholars academicians and more

The book delves into Artificial Intelligence In Second Language Learning Raising Error Awareness. Artificial Intelligence In Second Language Learning Raising Error Awareness is a crucial topic that must be grasped by everyone, from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Artificial Intelligence In Second Language Learning Raising Error Awareness, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
    - Chapter 1: Introduction to Artificial Intelligence In Second Language Learning Raising Error Awareness
    - Chapter 2: Essential Elements of Artificial Intelligence In Second Language Learning Raising Error Awareness
    - Chapter 3: Artificial Intelligence In Second Language Learning Raising Error Awareness in Everyday Life
    - Chapter 4: Artificial Intelligence In Second Language Learning Raising Error Awareness in Specific Contexts
    - Chapter 5: Conclusion
  2. In chapter 1, this book will provide an overview of Artificial Intelligence In Second Language Learning Raising Error Awareness. The first chapter will explore what Artificial Intelligence In Second Language Learning Raising Error Awareness is, why Artificial Intelligence In Second Language Learning Raising Error Awareness is vital, and how to effectively learn about Artificial Intelligence In Second Language Learning Raising Error Awareness.
  3. In chapter 2, the author will delve into the foundational concepts of Artificial Intelligence In Second Language Learning Raising Error Awareness. The second chapter will elucidate the essential principles that must be understood to grasp Artificial Intelligence In Second Language Learning Raising Error Awareness in its entirety.
  4. In chapter 3, this book will examine the practical applications of Artificial Intelligence In Second Language Learning Raising Error Awareness in daily life. This chapter will showcase real-world examples of how Artificial Intelligence In Second Language Learning Raising Error Awareness can be effectively utilized in everyday scenarios.
  5. In chapter 4, this book will scrutinize the relevance of Artificial Intelligence In Second Language Learning Raising Error Awareness in specific contexts. This chapter will explore how Artificial Intelligence In Second Language Learning Raising Error Awareness is applied in specialized fields, such as education, business, and technology.
  6. In chapter 5, the author will draw a conclusion about Artificial Intelligence In Second Language Learning Raising Error Awareness. The final chapter will summarize the key points that have been discussed throughout the book.
- The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Artificial Intelligence In Second Language Learning Raising Error Awareness.

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