ENGLISH LANGUAGE ACQUISITION THROUGH AI TOOLS

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Abstract: '
Knowledge of the Language is the doorway to wisdom'- Roger Bacon. Second Language Acquisition helps any person to be able to comprehend and communicate in another language other than their mother tongue. English is said to be the 'Lingua Franca' of the world. English Language Teaching (ELT) is changed by digital platforms during Covid19 epidemic. Apart from traditional methods of learning English as a second Language, Second Language acquisition can be done through using technology in the digital Age. AI tools for Language learning use natural Language Processing (NLP) and machine learning algorithms to provide personalized learning experiences from the beginning. Chatbot's, virtual assistance, and AI tutors will help the learners to learn and practice various languages at their skill level. Artificial Intelligence (AI) tools such as Babbel, Rosetta stone, and Duo lingo are adaptive learning platforms that utilize AI. These tools helps second Language learners to utilize these platforms for individualized learning paths by identifying strengths and weaknesses, and helps them to progress at their own pace. AI can significantly enhance language teaching and learning, providing opportunities for engaging, personalized, and effective instruction. It can help to improve the Listening, Speaking, Reading and Writing of a Language. By using these Language Learning tools powered by AI, Language teachers can transform their classroom into dynamic, interactive learning environment.

Key words:
ELT, Language Acquisition, AI Tools, Exposure, Communicative skills.

Introduction: English is taught in India as a second Language. The aim of Teaching and Learning English as a Second Language in our non-native context is not only about the rules of Grammar but also enable the non-native speakers to become real life communicators. Education is a road to Success, a path to flourish, a formula for development, a weapon to win. Today's education is not as yesterday or tomorrow's education will not be like today. The rapid development and adoption of digital technologies is changing the way of learning and teaching. There is need for updating of modern skill time to time. More emphasis is on the need for the education system to embrace technology and foster digital literacy. The advances in technology are having profound impacts on the learning system, both how we teach and how we learn. Last two decades using of internet, social media and virtual realities have opened up new channels for learning. Online learning and Virtual schooling is beginning to play an important role alongside traditional approaches. These approaches can support flexibility learning beyond the school environment. ESL (English as Second Language) learners acquire language skills through various methods and tools. 21st century students use several AI tools to acquire English Language. The research article is about various AI tools used for Language acquisition

What is AI? Artificial intelligence (AI) is a wide-ranging branch of computer science concerned with building smart machines capable of performing tasks that typically require human intelligence. While AI is an interdisciplinary science and multiple approaches, advancement in machine learning and deep learning, in particular, are creating a paradigm shift in virtually every sector of the tech industry. AI allows machines to model, or even improves upon, the capabilities of the human mind.

AI- and Language Learning: Artificial Intelligence and Language studying merge together in online education. Online Language learning has become a revolution during the Covid pandemic situations. With the accelerated introduction of AI to foreign Language learning, we are now experiencing a new model shift; AI-powered studying combined with the use of neural network capabilities is resulting in a new era of education for students and teachers alike.

Role and need of AI in Acquisition of Language Skill: Teachers, Instructors, Educators make education more experiential, holistic, and integrated and learner focused. A digital learning is the need for the hour. Digital learning is effective in supporting; enhancing and revolutionizing the language acquisition process by providing learners with enriched, diverse, anytime anywhere learning opportunities. It also provides a foundation for language learners to engage in constructive learning in which leaners develop LSRW skills dynamically. It helps teachers to stay tune with recent trends of digital environment. Personalized approaches and use of AI tools, ICT tools, techniques, and social media help language learners with enriched learning. The Use of AI in English Language is needed and it has a positive impact on English Language learning such as searching for words they do not know, guidance for writing task, it helps in improving vocabulary enrichment. Simulation and communication programs of real life can be used for practical training in language skills, and educational games based on language. Communication tools based on AI help design situations for practicing the accurate pronunciation of letters and words through sound drills and visual media. Such devices provide exercises for describing and interpreting images and everyday situations, for listening, and for practicing guided pronunciation. They also allow learners to practice language skills and provide feedback for guidance. Some programs have language drills that give training in communication through using language skills to guarantee that learners reach proficiency levels (Barnes-Hawkins, 2016). Radwan, (2017) indicates that AI can be used to overcome many of the difficulties of teaching/learning English: using Information Retrieval techniques to build the ability to comprehend reading passages; employing Machine Translation to develop students' translation skills; using Automatic Speech Recognition techniques to learn correct pronunciation, using Textto-Speech techniques for blind and visually impaired students; using open digital language dictionaries to enrich the vocabulary of the student; using intelligent programs to augment speaking skills for English learners; implying a writing evaluation technique to teach paragraph and essay writing. Thus Artificial Intelligence technology can be used as a means of developing and acquiring LSRW skills of English learning for students.

Different AI tools used for Language Acquisition: AI-powered language apps are more convenient, they are effective and personalized. They are integrated into e learning courses, these apps are used as a tool for the learners, it gives remote access to content and can play an active role in the process. The rise of online education revolutionized the language learning process; development in AI technology gives a new turning point. Studying language with the use of AI is becoming increasingly common and popular; AI provides various useful features in apps and programs. Voice assistants, such as Amazon Alexa, Apple Siri, and Google Home, allow interaction with various learning materials anywhere and anytime without communicating with the teacher.

Why Use AI Tools For Gaining Language Skills? AI has become deeply integrated with our modern lives, which are increasingly getting ruled by innovative apps and the latest technology. And these apps do come with many benefits and an amazing user experience. Many apps these days are using AI-powered Chatbot's to enable instant interaction with the user. These Chatbot's can engage in realistic conversations with users while addressing their queries. Another advantage is that AI-powered speech recognition technology really helps users or learners refine their pronunciation and intonation by comparing their speech to that of native speakers. Moreover, AI apps are able to provide instant feedback on pronunciation, grammar, vocabulary usage, and other language skills. This further allows

the app to adjust the difficulty level of the lessons or the content based on the learner's proficiency level. Such language learning Chatbot apps provide amazing, entertaining, and engaging learning experiences to language learners. Moreover they offer lessons through gamification. The AI tools stated below can help the students to improve in listening, speaking, reading and writing skills in second language are

Duolingo: It is one of the world's most popular language learning apps, Dulingo has Chatbot's fluent in 38 languages, and each user's AI Chatbot employs machine learning to recognize the user's voice and speech/ text patterns. This enables the application to automatically create reading, writing, and speaking tests for users and allows Duolingo to grade and categorize them based on proficiency.

Rosetta Stone: Dating back to the early 1990's the Rosetta stone brand paved the way for Language learning software. Rosetta stone is the OG for big-time visual learners. It emphasizes heavily on visual media to teach users new vocabulary and phrases in the target language. The visual cue cards are definitely game changers for visual learners like me who retain new vocabulary through association, rather than memorization. The Rosetta stone app is the latest software. In addition to providing its own speech recognition system, the app lets users scan objects with a camera and translates content into numerous languages.

Mondly: Mondly offers courses in over 40 languages and makes heavy use of images. Incorporating augmented reality and VR, users can connect real-world situations to their learning experience.

Memrise : British app Memrise applies a bespoke object recognition algorithm to identify images from a user's camera and name objects in the chosen language. It also engages smart Chatbots that interact with users in 23 languages.

ChatGPT: ChatGPT is renowned as a free, general-purpose AI chatbot that became extremely popular since its launch in November 2022. As well as offering conversation and help with writing text, it has applications for language learning. Just ask ChatGPT to translate text into any language and it will typically provide accurate results.

TalkPal: GPT-powered TalkPal is the perfect AI language tutor. The tool improves language skills as users can chat on unlimited interesting topics in written and verbal form. The tool is designed in a way that help users with beginner-level understanding and who would like to improve their skills. An added advantage is that the tool can improve learner's knowledge in any area of their interest while helping them to improve the language skills. TalkPal supports English, Spanish, French, German, and Italian.

Advantages of using AI in language learning:
Instant Feedback: The AI language learning app can grade tests and even evaluate essays automatically immediately after they are submitted, showing the errors and suggesting corrections. This saves both student's and instructor's time.
Increases engagement in the learning process: Learners will be able to set their own goals, study from any place at any time, and follow a customized syllabus to learn the language.
Language bots: Earlier chatbots were only used for assistance to provide support functions. However, Language bots are the new evolution in language learning. The learner can simply initiate a conversation with the language bot and get feedback, tips, and corrections in response. Duolingo is the best examples of language bot implementation.
Adaptive learning: AI can adapt the course content and delivery in real time based on a learner's progress and understanding. This ensures the user's maximum engagement in the learning process.

Natural Language Processing: AI can enhance language learning by using Natural Language Processing (NLP) to analyse learners' pronunciation, grammar, and vocabulary. This can provide learners with immediate feedback and support in real time.

Assessment and analytics: AI can provide automated assessments and analytics to help instructors or administrators track learners' progress and identify areas where the course content or delivery may need to be improved.

Conclusion:

AI significantly improves the quality of language learning by adapting to the individual features of talent and background and expectations according to their aims and objectives of each student. Online language learning is of the utmost value under abnormal circumstances such as the COVID-19 outbreak. AI-powered apps would be of great use in Language-learning Journey in this innovative and technical advancement era. There is a necessity for future research about AI in language learning: conflicting objectives; assessment and evaluation; incentives and motivation; building learning networks; diversity, and fairness.

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