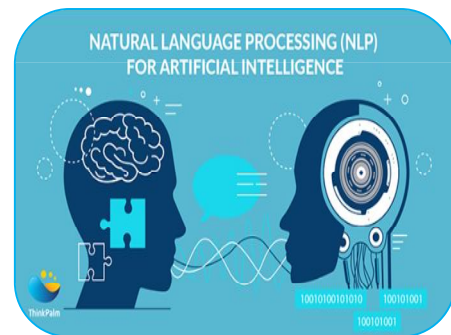## NATURE AND FUTURE OF ENGLISH LANGUAGE TEACHING IN THE FACE OF ARTIFICIAL INTELLIGENCE

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ABSTRACT

One classroom of forty upper secondary high school students in their second semester during the 2020 academic year served as the study's sample. An AI technology algorithm was one of the tools used to collect data to assist in teaching English to Thai students. It was determined that the knowledge measurement understanding of English vocabulary and sentence structure had an IOC consistency of a difficulty range of 0.26-0.75, and a discriminant power of 0.74. A t-test moreover investigated the information on the reliant example. After using the AIT algorithm prototype to teach English, the students' English knowledge increased significantly, according to the
results. Additionally, the students at the highest level were pleased with the model. As a result, the quality can be considered acceptable and appropriate. the workmanship in man-made brainpower (man-made intelligence) and its expected effect for getting the hang of, educating, and training. It gives applied establishments to very much educated strategy arranged work, research, and forward-looking exercises that address the potential open doors and difficulties made by ongoing advancements in man-made intelligence. The report is gone for the gold, however it additionally makes commitments that are of interest for man-made intelligence innovation designers and analysts concentrating on the effect of man-made intelligence on economy, society, and the fate of schooling and learning.*

KEYWORDS: *English, regular language handling, m-learning, New Typical, online training.*

INTRODUCTION

English is viewed as a second language to numerous worldwide and assumes a fundamental part in a more extensive degree of correspondence at the global level. In addition, being capable in English can be significant in concentrating on abroad or a global establishment in Thailand, with large numbers of the conviction that English capability can open business potential open doors in worldwide areas going from flight to the travel industry to unfamiliar exchange. Due to the fact that English is regarded as the language of business and academia, having proficiency in the language can also provide many students with access to scholarships and advanced study opportunities. However, many people find language learning to be difficult, and for decades, researchers have looked into how AIT could be applied to language learning and speech recognition (SR). According to one report, AI-enabled learning management tools have grown by 47% since 2019 (Gautam, 2019). Additionally, the market value of

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AIEd is rapidly rising, rising from $500 million in 2019 to $6 billion by 2024 (Mwiti, 2019). This is important because the degree to which educators and students can "personalize" their learning environments is one of the most important aspects of online learning today.

As a result, AIT courses can easily be tailored to each student's knowledge level, learning pace, and objectives. AIT platforms can also look at students' learning histories, figure out where they're weak, and suggest courses that will help them improve. Regarding SR, Liaw (2013) looked at its capabilities and how it was used with Taiwanese elementary school students. She showed that the commercial software was problematic because it overcorrected, even though the students were sure they were correct. This is predictable with Eskenazi (1999), who likewise expressed that erroneous input aversion stays testing inapplying programmed SRsoftware. In addition, Baker et al. 2019) recognized three simulated intelligence training (AIEd) apparatuses being utilized in UK schools. These were student confronting (versatile learning stages), educator confronting (computerized appraisal instruments or high level instructor dashboards) and framework confronting (examining information from across schools to anticipate school investigation execution). In the United States, Shroff (2020) found that games were effective for learning a new language and noted that little research had been done on the use of AI in language learning. Likewise, Charniak (2019) has detailed that in a sentence to sentence, interpretation frameworks starting with one language then onto the next need tobe ready to separate between sentences. This is predictable with Saini and Sahula (2020), who likewise noticed the simplicity of deciphering a sentence from one language tothe other on the off chance that the construction of the dialects is comparable. Be that as it may, the Thai language isn't comparative in construction to Western dialects and, in this manner, requires programming advancement and AIT use to foster a viable framework.

Luckily, the improvement of English language simulated intelligence devices, albeit temperamental before, are taking extraordinary steps in their exactness because of advances in regular language handling (NLP) (Madi and Al-Khalifa, 2018) and the related subfield unions of man-made intelligence, semantics, and software engineering in accordance with human-machine normal language association. Seeing this transformation in AIT use in the English language use verification inside the business and scholastic areas isthe English composing associate _Grammarly' (Fitria, 2021). Online language checkers, according to researchers like Mammadova (2019), are now playing a crucial role in teaching English and learning. These researchers highlight the growing influence and importance of online language checkers. Joseph and others 2016) added that NLP works well for computer text analysis, which involves learning about how humans understand and use language. Tonic (2020), who also stated that AI's recent advances in machine learning deep neural networks had engendered a revolutionary way for people to write in which they could craft compositions that were augmented by algorithmic grammar checkers correcting writing in real-time (such as with Grammarly), is consistent with these studies. As previously stated, the global Covid-19 pandemic travel restrictions have made it difficult for Thais to find native-speaker teachers due to cost, availability, and now teacher foreign teacher "lockouts." As a result, some people in English Learning (FLL) have turned to "chatbots" to fill in these native speaker gaps (Fryer & Carpenter, 2006). Once more with the customized schooling development, chatbots could be an AIT instrument from which understudies can be given English practice whenever and for all intents and purposes anyplace.

Also, in scientists' more profound assessments of Thai English-language classes, a few hazardous subjects keep re-happening. These include teachers who lack the necessary training and qualifications, low levels of motivation among students, mixed-ability students in large classes, and few opportunities for students to learn English outside of class (Dhanasobhon, 2006; 2013 Noom-ura; ONEC, 2003). However, fortunately, technology is opening up a lot of new options for learning languages, and the Internet has a lot of potential (Fryer & Carpenter, 2006). This is predictable with Benson (2001) likewise brought up that the Web is a useful asset for independent learning wherein students can study at whatever point they need utilizing a possibly limitless scope of bona fide materials. Accordingly, the creators feel that different techniques and arrangements should be found with these critical and proceeding with limits with English language learning in Thailand and the

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expressed target of web based learning under the Coronavirus pandemic schooling _New Ordinary.' Given the long and rich history of normal language handling (NLP) use in AIT for chatbots and language learning frameworks, the creators fostered an AIT calculation model in Thai English turn of events.

ARTIFICIAL INTELLIGENCE MEAN?

All members addressed the inquiry in various ways, for instance: It is a computerized system, a robot that can do things, science and engineering, our future, our present, machine learning, machine intelligence, etc. Britannica defines AI as "the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings," and Cambridge Dictionary defines AI as "the study of how to produce machinesthat have some of the qualities that the human mind has, such as the ability to understand language, recognize pictures, solve problems, and learn."

RESEARCH OBJECTIVES

Research targets
1. to create a model of an AIT algorithm for English teaching aids for Thai students.
2. To affirm the AIT calculation to assist with instructing English to Thai understudies.

Configuration, operation, and features

1. Students should have a computerized gadget, for example, a cell phone or tablet to download the application. Students then complete the settings and sign up to be a part of a group. The students can then decide to convey at their own speed or utilize a bunch of activities and questions recently modified into the framework by the review's designers. As there are no time or area requirements, understudies can study when and where it is generally advantageous.
2. Students can take part in assessment tests through the system's features, which currently have a limit of 100 questions based on advice from experts in the English language learning field.
3. The digital device's microphone currently has some basic speech synthesis capability, but this feature is still in preliminary development and has some limitations due to budget constraints. However, the researchers of the study have demonstrated that current phone microphones are stable enough to work well with the system.
4. Vocabulary for a wide range of everyday situations, including tourism, health care, and medical professions, which require good pronunciation and comprehension of grammar, will be added in subsequent development versions. Additionally, there will be multiple levels for these modules, including beginner, intermediate, and advanced. Records will utilize customized symbols with future forms adding additional video to make a person reproduction from genuine experiences.
5. Other language modules, such as Chinese, Spanish, Japanese, or Lao, can be added to the system.

Artificial Knowledge (man-made intelligence) is a fundamental piece of living souls, the significant job of everything of all shapes and sizes; It is widespread. AI has already reached an expert level in diagnosing diseases and speech synthesis by reading the neural activity of the cerebral cortex thanks to the technology of deep learning in medicine. By analyzing the works of writers, musicians, and artists, AI can compose music and literary drafts, as well as draw pictures. AI is already capable of producing photos and videos that are realistic and difficult to tell apart from real ones. It recognizes a person's face to restrict access to banking data on devices. Chatbots as of now exist and are turning out to be progressively well known to further develop client correspondence in light of man-made brainpower. One of the most popular technologies is the intelligent home system, which can control water and electricity use, monitor home security, clean the house, and generally improve our quality of life. When it comes to environmental ecology monitoring and enhancing workplace safety, AI can distinguish odors and mimic human nervous system functions. It is used extensively in gaming. Another important part of human development is experimenting with AI to study the environment. AI is making its way into our homes and devices, from the labs of researchers. The benefits of man-made reasoning are irrefutable: the capacity to process a large amount of data in a short amount of time, improve efficiency and convenience, eliminate long-term procedures, and automate routine tasks without

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getting tired. Artificial intelligence is a fundamental piece of the instructive interaction. It can change how the education system works, make institutions more competitive, and give teachers and students at all levels more power. Voice assistants like Google Home, Apple Siri, and Amazon Alexa make it possible to interact with a variety of learning resources from any location at any time without having to talk to the teacher. Intelligent content refers to a variety of learning resources, including customized interfaces and digital textbooks. Utilizing the conceivable outcomes of man-made reasoning, understudies can concentrate on different courses and educational plans around the world.

Literature Review

In 1956, John McCarthy coined the term "artificial intelligence" (McCarthy et al., 2006). " At that time, the researchers came together to make the concepts about thinking machines, which had been very different up until that point, clearer and better understood. It is said that McCarthy chose the neutral name artificial intelligence; to abstain from featuring one of the tracks being sought after at the ideal opportunity for the field of reasoning machines that included robotics, automata hypothesis and complex data handling. The proposition for the meeting said, "The review is to continue based on the guess that each part of learning or some other component of knowledge can on a fundamental level be so exactly portrayed that a machine can be made to recreate it." AI is defined as "is a sub-field of computer science and how machines can imitate human intelligence:" according to the dictionary. a subfield of computer science that deals with computer simulations of intelligent behavior; the capacity of a machine to mimic keen human way of behaving" (as refered to in Merriam-Webster). " Based on the objectives that an AI system is attempting to achieve, definitions of AI begin to shift. Most of the time, people invest in the development of AI for one of these three reasons: fabricate frameworks that figure precisely like people (major areas of strength for do), simply get frameworks to work without sorting out how human thinking functions (feeble man-made intelligence), and Utilize human thinking as a model yet not really the ultimate objective" (as refered to in Marr, 2018, para. 7). " Amazon characterizes simulated intelligence as the field of software engineering devoted to taking care of mental issues usually connected with human knowledge, for example, learning, critical thinking, and example acknowledgment. AI is so critical to Amazon, they expressed, Without ML, Amazon.com couldn't develop its business, further develop its client experience and choice, and enhance its calculated speed and quality (as refered to in Marr, 2018, para. 10). Google AI and its tools prioritize machine and deep learning in order to develop technology that is smarter and more useful, assist as many people as possible with translations, healthcare, and making our smartphones even smarter. New technologies are being developed by Facebook AI Research to improve communication and advance the field of machine intelligence. Building scalable AI models and tools, AI Engineering, and AI Engineering are IBM's three main areas of focus. Artificial intelligence Tech, where the center abilities of simulated intelligence, for example, normal language handling, discourse and picture acknowledgment, and thinking are investigated and computer based intelligence Science, where extending the wildernesses of computer based intelligence is the concentration"

Artificial Intelligence and Education

Entering the 21st century has been joined by numerous extreme changes in the schooling system to the extent that learning data sources, cycles, and results are concerned. Applications of AI that produce intelligent machines help to alter the roles that students, teachers, and schools play. They will also alter the educational environment's traditional and virtual interaction patterns. In order to share their educational experiences and accomplish the necessary goals, students and teachers will interact with interactive machines. These devices will function as interactive educational platforms, participating in classroom discussions and responding to questions and responses from students. They will tackle customary study hall issues like focusing and inspiration, really focusing on individual contrasts among students, and supporting those with exceptional necessities. With criticism, working on the degrees of understudy accomplishment, and creating uplifting outlooks towards educating/learning, they will likewise give answers for the issue of collaboration in enormous study

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halls. According to Al-Gayyar (2013), intelligent systems of online electronic learning are among the most important intelligent educational systems. Using AI applications in the teaching and learning process will have a direct and positive impact on these aspects. These are the main utilizations of computer based intelligence use in Schooling. They are the result of combining numerous frameworks and applications in the field of man-made intelligence such, as Keen Coaching Frameworks, Actuating the Web, Initiating hypermedia, and Actuating distance E-training (pp. 503-504). Electronic neural networks, developed hybrid systems, applications of developmental algorithms, electronic auto-copying, adaptive electronic platforms, bio-robots, nanotechnology, chemical and organic systems, and advanced controlling systems are just a few examples of the many AI applications described by Muhammad (2014).

Programed learning and other open-source high technology are just two examples of AI education applications that are currently the subject of research. Ability determines the significance of AI applications: - to meet the requirements and abilities of the students; - to work in accordance with their preferred educational options; - what's more, to screen the advancement pace of every student. These applications have tracks that work for all students, regardless of their level, boost their motivation to learn, and deal with students who have trouble paying attention. They provide feedback that identifies areas of strength and weakness in the scientific content as well as student achievement levels. They make certain that the curriculum subjects are integrated parts of each subject and that the student understands one section before moving on to a more complex one. The logical substance can be presented as issues, which the understudies work out as indicated by their self-concentrate on streams. Educators screen this cycle and give direction and input. Simulated intelligence coaching frameworks can supplant teachers as they have programs that give exhortation consequently and empower students to utilize self-concentrate on abilities.

Showing English as an unknown dialect is viewed as creating informative capability, which is accomplished through knowing how to utilize language components and jargon to foster the abilities of tuning in, talking, perusing, and composing. It likewise incorporates utilizing language to create texts, and how to utilize it to grasp understanding entries. Communication is both a process and a goal in the language development process. Therefore, it is necessary to incorporate both traditional and digital communication strategies into the procedures and activities of teaching and learning. It is expected to utilize computer based intelligence applications, for example, reenactment and correspondence programs as they mimic genuine correspondence circumstances in English, present down to earth preparing in language abilities, and instructive games in view of language. Specialized instruments in view of artificial intelligence assist with planning circumstances for rehearsing the precise way to express letters and words through sound drills and visual media. These tools let you practice listening, describing and interpreting images and everyday situations, and guided pronunciation. Additionally, they provide guidance and the opportunity for language practice. Language drills, which teach students how to communicate with one another using language skills, are included in some programs to ensure that students reach proficiency levels.

DISCUSSION

It has been observed that understudies were more certain in learning English with computer based intelligence. It is valid when understudies chose to become familiar with the language with MyEnglishLab (a web-based part planned by Pearson) were more positive about their talking, sentence structure, and jargon. Although it may appear to be indirect, reading and writing can also be improved. The content of the lessons ultimately determines how good the education is. Making new happy requires the insight of human substance planners and instructive specialists. AIs have not yet demonstrated their capacity to independently produce learning content. But they persist. bring a lot to the table in happy creation via computerizing ordinary positions and aiding people in undertakings where human info is vital. In particular, AI should assist humans by providing feedback derived from data during the content production process in a human-in-the-loop manner and remove repetitive tasks that can be automated (Maghsudi, 2021, p. 6). Students are concerned about losing an unnatural

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learning environment in institutions with no native speakers of the language and losing an unnatural environment with native speakers of the language. It frequently occurs to teach a foreign language in an artificial learning environment. However, there are genuine feelings of individuals. The need for real people will not go away because of AI; it will just intensify the sensation of dread about incredible life. In foreign languages, three distinct scenarios within the context of technological advancements stand out. The first of these situations is that there could be presently not a need to become familiar with an unknown dialect since correspondence in an unknown dialect will occur with mechanical gadgets, human impact will stay behind the scenes. A device can translate conversations between people instantly into another language. The second scenario suggests that learning a foreign language is necessary, but the method of learning is different. In contrast to the process of learning a native language, the acquisition of a foreign language will take place informally and will not be taught in educational settings with adequate comprehension. The final scenario involves both formal and informal language learning. The second helps to remember the comprehension of de-tutoring unknown dialect realizing, which is the subject of this review. The people who learn through independent learning will comprehend the unknown dialect they need to learn online without requiring for a school. Without a doubt, this kind of learning technique expects students to have a few skills. Learners should be able to exercise self-control, question, interpret, test their knowledge, make decisions, put those decisions into action, and be self-oriented. They find them ready at school because they no longer have the planning, timing, and evaluation system. All of these systems must be created by learners themselves. It very well may be handily seen that these abilities are not yet evolved in unknown dialect understudies these days

CONCLUSION

By adapting to the individual characteristics (talent and background) and expectations (aims and objectives) of each student, AI significantly enhances the quality of language learning. Online language learning is the very pinnacle of significant worth under unusual conditions like the Coronavirus episode. There is a need for future exploration about artificial intelligence in language learning: clashing targets; appraisal and assessment; motivators and inspiration; creating networks of learners; diversity and fairness The AIT algorithm English language learning model was created by the researchers to make online English learning more accessible, consistent, and accessible to Thai students. From the model's turn of events, different specialists and understudy test bunches affirmed the legitimacy of the plan and value in English language educating. Additionally, the AIT system fills a significant void in traditional classroom language instruction caused by the ongoing Covid-19 pandemic. Moreover, personalization and high levels of adaptability regarding the framework's utilization is conceivable, with understudies who have Android or iOS-empowered cell phones to take an interest from anyplace whenever. An AIT system can also assist students in organizing their learning materials and enable teachers to better monitor and evaluate learning activities. Finally, despite being restricted to actual scenarios from the real world, the initial version can be easily and economically upgraded to become an even better digital AI tool for analyzing student pronunciation accuracy. Lastly, as this study and others have demonstrated, AI-enabled language learning systems and chatbots increase student motivation to learn by making learning more enjoyable and less dull.

REFERENCES
❖ "Artificial intelligence (AI)". www.britannica.com. 16 June 2023.
❖ Funding initiatives in the early 80s: Fifth Generation Project (Japan),
❖ E McGaughey, 'Will Robots Automate Your Job Away? Full Employment, Basic Income, and Economic Democracy'
❖ "s AI Overhyped in 2022? Getting the Truth About the True Power".
❖ Giles, Martin (13 September 2018). "Artificial intelligence is often overhyped—and here's why that's dangerous"

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❖ Basen, Ira (21 February 2020). "Is AI overhyped? Researchers weigh in on technology's promise and problems.
❖ DiFeliciantonio, Chase (3 April 2023). "AI has already changed the world.