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The Use of Artificial Intelligence (AI) among International Class Program Students and Its Implication in Their Learning

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Abstract. Artificial Intelligence (AI) is a technology that enables computers to mimic human intellectual abilities, such as learning from experience, identifying patterns, making decisions, and completing complex tasks. AI is currently a popular topic in the field of education, where it can assist teachers in tasks like creating lesson plans, assessing learning outcomes, and providing support to students. AI can also benefit learners by improving their academic performance, making learning more interesting and interactive. AI also believed as a tool for mastering several foreign languages. One of the programs at universities that required students to master a single foreign language is International Class Program (ICP). AI could have an impact in improving academic performance of ICP students. By the case, this study aims to explore the use of AI among International Class Program (ICP) students and its implications for their learning. A survey was conducted among 46 ICP students from seven different majors in the Faculty of Tarbiya and Teacher Training, Maulana Malik Ibrahim State Islamic University of Malang. The results showed that AI is mostly used by ICP students for searching for translations, looking for inspiration, and finding answers. The use of AI has implications for ICP students, such as the lack of mastery of foreign languages. However, AI can also help students master foreign languages quickly, easily, and efficiently. AI can also help students do assignments, find ideas, and create designs or discussions. The information provided by AI tends to be more concise, easy to understand, and informative. The advantages of using AI include helping students find answers efficiently, making it easier for students to find additional information, being practical, growing student inspiration, imagination and creativity, helping students develop a better understanding of technology, assisting in developing designs or discussions, and helping translate accurately. The disadvantages of using AI include dependence, making students lazy, providing inaccurate information, eliminating students' critical thinking, reducing students' literacy, and using non-standard language. In conclusion, AI has both advantages and disadvantages in education. While AI can help students learn more efficiently and effectively, it can also make students lazy and dependent on technology. Therefore, it is essential to use AI wisely and not abuse it in education.

Keywords: Artificial Intelligence; International Class Students; Learning

A. INTRODUCTION

Artificial Intelligence or popularly called AI is a technology designed to make computer systems capable of imitating the technology designed to make computer system capable of mimicking human intellectual abilities (Muhammad Yahya et al., 2023). Allows computers to learn from experience, identify patterns, make decisions, and complete complex tasks quickly and efficiently. AI is currently very intensively discussed in all fields, especially in the field of education. AI can assist teachers in tasks such as creating lesson plans, assessing learning outcomes, and providing support to students in need. In addition, AI also has its own benefits for learners. One of the benefits is that AI can help students learn more effectively and efficiently because AI can make learning more interesting and interactive, thus improving their academic performance (Fundi et al., 2024).

While AI learning is believed to improve academic performance, there are also experts who point out the opposite side. There are many studies which showed that the use of AI in education creates pros and cons. The pro side explains that the use of AI can improve the quality of learning which is proven to improve student academic results (Liu & Yushchik, 2024), make students more confident and perform optimally to make presentations in front of the class (Malik et al., 2023). In addition, many students also reported that AI makes learning more comfortable (Putri et al., 2023a). On the other hand, the cons explain that AI can be dominating such as lack of student engagement in the learning process (Crawford et al., 2024), lack of accurate sources and often misdirection (Kumar et al., 2024). Other research showed that AI also limits instructor supervision and can reduce direct interaction with students, and the use of AI also has the potential to reduce student engagement in learning and create laziness to think (Ahmad et al., 2023a).

The above statement states that the use of Artificial Intelligence (AI) can improve student academic outcomes. This is proved by the statement that the program for applying the AI-based convergence education teaching and learning model developed helps improve students' computational thinking skills (Joo & Park, 2022). In addition, the actual increase in students' academics occurred because they were based on an increase in computer computing power, an increase in data analysis, and the quality of data accumulation (Joo & Park, 2024; Liu & Yushchik, 2024). The statement states that Artificial Intelligence (AI) helps make students more confident, where this is because Artificial Intelligence (AI) technology can allow students to learn in an interesting and comfortable environment, so that it can increase confidence and reduce anxiety in learning (Putri et al., 2023b). This itself is strengthened by the statement that the interaction between humans and robots can help low-achieving students who do not have a good track record to feel more confident, more useful in the learning process, and reduce feelings of inferiority towards others because things like this often happen in the student environment (Ali et al., 2024). Some arguments argued that Artificial Intelligence (AI) also has its own disadvantages in its implementation. There are several statements which stated that the existence of Artificial Intelligence (AI) makes students or users lazier to search for information or material in more depth, as for other impacts, namely it can reduce direct interaction between teaching supervisors and students, in addition to that there are other impacts such as lack of student involvement in learning and students always look for easy ways by using Artificial Intelligence (AI) for presentations and instant PPT creation (Ali et al., 2024). In addition, Artificial Intelligence (AI) also provides a sense of confidence in speaking foreign languages, because of the ease of using Artificial Intelligence (AI), it is also easy to learn to speak a foreign language (Joo & Park, 2024).

Speaking foreign language became a huge challenge for non-English speaking countries. Meanwhile, in fact, English was considered as an international language. Who want to engage in global world should mastering English. One program in university tried to train students to be globally engaged. The program called International Class Program (ICP). The problem raised,

researcher introductory observation and interview stated that most of ICP students are having intermediate-low English capability. In this case, AI is eventually affected student's learning environment. The use of Artificial Intelligence (AI) is also inseparable from ICP students in Faculty of Tarbiya and Teacher Training (FITK), Maulana Malik Ibrahim State Islamic University of Malang. The Program itself is an education program designed to provide facilities in the form of special classes for students who want to take international learning at the university. This program certainly has many benefits for students such as language learning experience, collaboration with universities abroad or student exchange, introduction to new cultures, and of course there are many more. Given the existence of this program, it is likely that there will be questions which are related to the use of Artificial Intelligence in the program (Grájeda et al., 2024). This is because this program is an international program which of course the students who have registered on average have a history or background of academic background and are very familiar with the world of Artificial Intelligence.

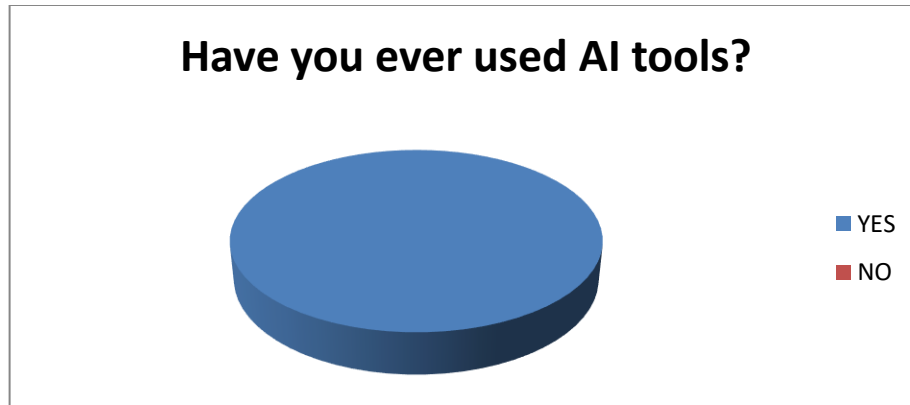
Therefore, this study is aimed to explore the use of Artificial Intelligence among ICP students and its implication in their learning. Moreover, this study can explore how important the use of technology among ICP students in their daily life, especially in the world of education. This study also wants to explore the utilization of AI which is believe as an important tool to improve academic grades, make it easier for ICP students to find assignment references and make their presentations appear more confident by utilizing the AI. These explorations will be found out in the result of this study.

B. METHODS

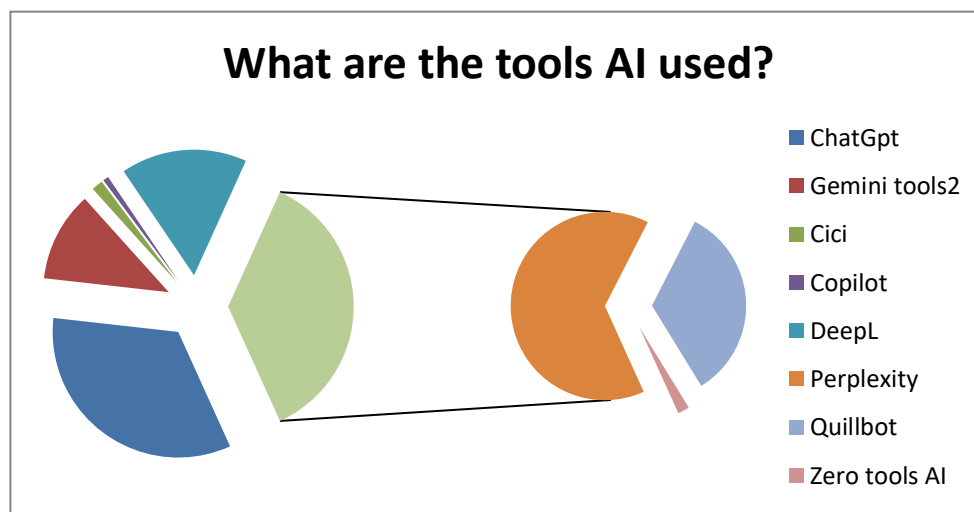
As the main purpose of this study is trying to explore the use of Artificial Intelligence among ICP students and its implication in their learning, a survey was chosen as the primary method of data collection. The survey was drafted in google form which consist of 17 questions including; familiar AI tools in the perspective of ICP students as well as its function, their views on the use of AI in supporting their learning in ICP class, and the advantages and disadvantages of AI utilization in their learning process. One focus group discussion was also conducted to confirm the result of the online survey. There were 46 participants who participated in the survey from 7 different majors in the Faculty of Tarbiya and Teaching Training, Maulana Malik Ibrahim State Islamic University of Malang. The survey was conducted in the period of 1st week - 4th week of August, 2024. The data then will be analyzed to get a comprehensive student's perspective and understanding on the use of AI and its implication to support or neither distract their learning process in international class.

C. RESULT & DISCUSSION

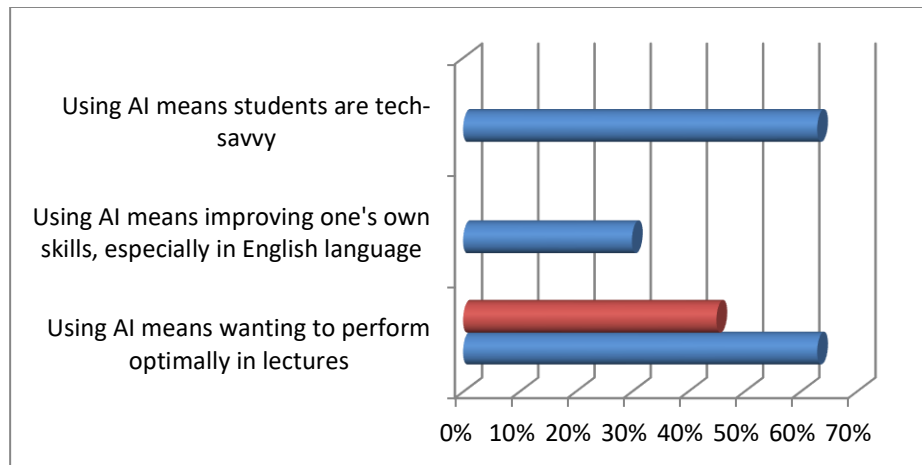
AI or what is commonly called Artificial Intelligence is very often heard today. In addition, at this time the use of AI is very widespread. As a result of the survey that we have conducted for ICP classes, 100% of respondents have already used it. AI greatly facilitates learning for ICP students at the Faculty of Tarbiyah and Teacher Training, Maulana Malik Ibrahim State Islamic University of Malang.



According to a survey conducted on ICP students, the majority of ICP students make good use of AI. Various types of AI are used such as ChatGPT, Gemini tools 2, Cici and many more. ChatGPT is a type of AI that was launched in November 2022. Of the many AIs, ChatGPT is very often accessed by various groups, especially ICP students. Because ChatGPT is an AI that is easy to use because it has several functions such as being able to answer questions that are included with the source. For ICP students ChatGPT is usually used to translate languages, and there are many more uses of ChatGPT.



In the midst of the incessant use of AI in various circles, especially in the field of education, many argue that the use of AI means that students are aware of technology and assume that students who do not use AI are students who are less literate in technology. In addition, in this era of rapid globalization, AI can improve our abilities in the field of language because currently foreign languages such as English are more widely used. Furthermore, with AI we are more confident in appearing anywhere, especially as students, with AI students are more confident in performing optimally in the lecture environment, especially in front of lecturers and friends.



ICP students use AI a lot because has various purposes that facilitate students in learning, can translate foreign languages. ICP classes are classes that are designed where learning uses English. With AI, ICP students are more and very helpful for translating languages, for example Indonesian to English or vice versa. In addition, AI also makes it easier for students to find inspiration, as a prospective educator we are required to be creative and continue to innovate, with AI it can make it easier to get new inspiration. And the last is AI can answer questions, where these questions sometimes we do not find in books, but with AI an answer questions and include sources so that the validity of the answers can be ensured.

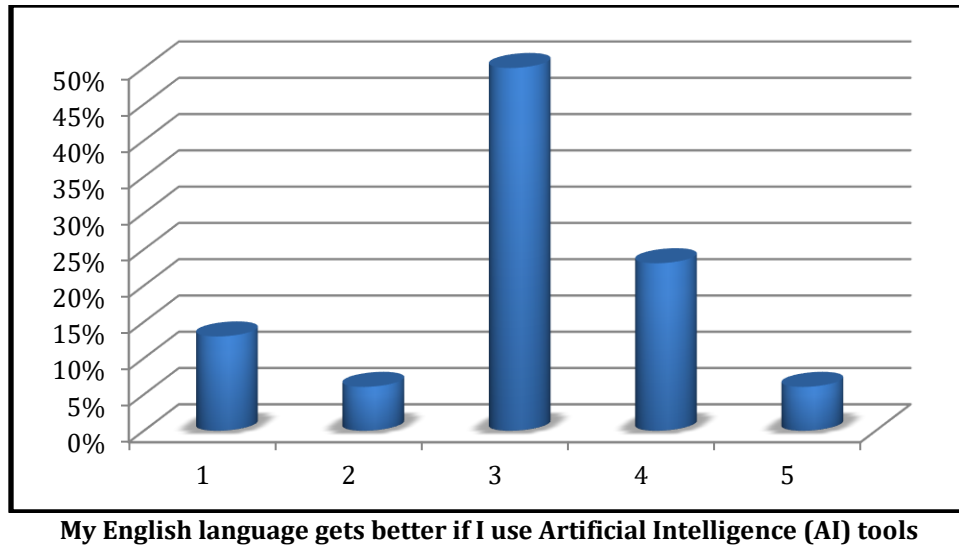
The Purposes of AI Utilization

Searching for translation

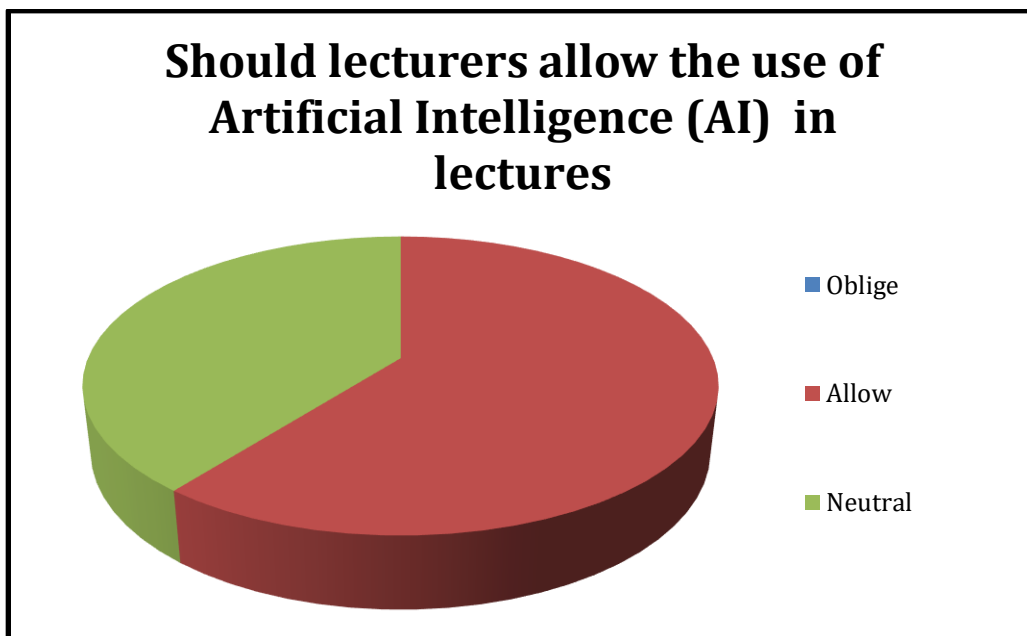
Looking for an inspiration

Looking for an answer

There are many implications for ICP students, one of which is the lack of mastery of foreign languages which is actually very important. However, it can also be overcome by the use of Artificial Intelligence (AI) which makes it easier for ICP students to master foreign languages quickly, easily and efficiently. Artificial Intelligence (AI) also actually helps students to do assignments, helps to find ideas that are still stuck and can even help create more. The information provided by Artificial Intelligence (AI) tends to be more concise and easier to understand, while the explanations provided are very informative and also very insightful.



Based on the results of the research survey that has been conducted, almost half or 50% (23 people out of a total of 46 correspondents) have more or less agreed that the use of Artificial Intelligence (AI) tools itself has a very significant impact on foreign language skills, especially in English. It is noted that there are about 46 correspondents who have filled out the google form that we have distributed and half of the correspondents have given results that tend to agree or neutral. This is because Artificial Intelligence (AI) tools themselves provide learning support, communicative facilities, providing feedback, as well as personalized instruction where current applications of Artificial Intelligence (AI) when learning foreign languages or English have shown significant results. Where Artificial Intelligence (AI) has created an interesting and adaptive learning environment according to the needs and comfort of the students themselves. Another thing is the provision of feedback which contains the correct pronunciation, grammar and vocabulary selection. Finally Artificial Intelligence (AI) has provided a lot of platforms that are easily accessible which of course can make it easier for correspondents to always access anywhere and anytime (Mahyudi, 2023).



The results of the survey above state that students really need the role of Artificial Intelligence (AI). This is obviously influenced by the extent of Artificial Intelligence (AI) technology in higher education. Most students or correspondents stated that the use of Artificial Intelligence (AI) is a very useful tool in enhancing the learning experience. The platform provided by Artificial Intelligence (AI) is very diverse and of course very helpful in research, academic assignments, translation, and understanding of lecture materials. Obviously, Artificial Intelligence (AI) helps students in doing all the courses given by lecturers, as well as enabling students to complete efficiently, quickly, and accurately. However, it should also not be abused by students (ref the use of AI with lecturers), where lecturers allow all students to use Artificial Intelligence (AI) but with the need for guarantees that students should not depend on Artificial Intelligence (AI) and must remain critical, active with the learning provided by lecture.

This is also because the use of Artificial Intelligence (AI) itself has advantages and disadvantages. Such as the advantages of using Artificial Intelligence (AI), namely helping students to find more detailed information about the material that has been discussed in lectures, shortening time, helping students to find references and creative ideas, and many more. But there are still impacts, such as students becoming lazy to think due to the lack of misuse of artificial intelligence (AI). The following are the results of the research that has been carried out:

Advantages

1. Help students efficiently and effectively find answers
2. Makes it easier for students to find additional information from the material that has been discussed in lectures
3. Practical
4. Can grow and increase student inspiration, imagination and creativity
5. Students develop a better understanding of technology
6. Help put words together
7. Speed up or shorten the time in doing a task or something
8. Help Find references and add new knowledge
9. Assist in developing a design or discussion
10. Help translate accurately and according to the grammar

Disadvantages

1. Dependence
2. Makes students lazy to think and lazy
3. The information provided is inaccurate, appropriate and sometimes even has no references
4. Eliminating students' ability to think critically
5. The information or answers provided are sometimes not explained clearly and in detail
6. Reducing the lack of literacy for students
7. The language is non-standard and the ideas produced by AI tend to be more rigid

The results above show that Artificial Intelligence (AI) has its own advantages and disadvantages. This is shown by the statements given by the correspondents, for the advantages of using Artificial Intelligence (AI) can be seen with the effectiveness and efficiency of time when using Artificial Intelligence (AI), practical, helping students to find ideas, imagination and creativity. But that also does not make Artificial Intelligence (AI) free from its shortcomings, as for the shortcomings provided by improper use of Artificial Intelligence (AI). Like students become lazy to think, lazy to read and also eliminate students' critical thinking. However, it returns to its users to be as wise as possible in using educational technology, especially Artificial Intelligence (AI).

D. CONCLUSION

Conclude that AI is mostly used by ICP students for searching for translations, looking for inspiration, and finding answers. The use of AI has implications for ICP students, such as the lack of mastery of foreign languages. However, AI can also help students master foreign languages quickly, easily, and efficiently. AI can also help students do assignments, find ideas, and create designs or discussions. The information provided by AI tends to be more concise, easy to understand, and informative. The advantages of using AI include helping students find answers efficiently, making it easier for students to find additional information, being practical, growing student inspiration, imagination and creativity, helping students develop a better understanding of technology, assisting in developing designs or discussions, and helping translate accurately. The disadvantages of using AI include dependence, making students lazy, providing inaccurate information, eliminating students' critical thinking, reducing students' literacy, and using non-standard language. In conclusion, AI has both advantages and disadvantages in education. While AI can help students learn more efficiently and effectively, it can also make students lazy and dependent on technology. Therefore, it is essential to use AI wisely and not abuse it in education.

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