

**The Utilization of Artificial Intelligence Technology to Assist Students in
Daily Life**



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A. Introduction

In this era of industry 4.0, the use of artificial intelligence is no longer unfamiliar across various industries. Artificial intelligence (AI) is one of the distinctive features of Industry 4.0 (Tjandrawinata, 2016). Before we go any further, I would like to tell you about what artificial intelligence is and its benefits. Artificial intelligence is the ability of a computer to learn and process data to perform rational thinking and actions similar to us, humans. According to the online publication Quartz (in Nurlaela Arief, 2019), "Artificial Intelligence is software or a computer program with a mechanism to learn, and it then uses that knowledge to make decisions in new situations, just as humans do." Meanwhile, according to Lasse Rouhiainen (in Nurlaela Arief, 2019), "Artificial intelligence is the ability of machines to use algorithms to learn from data and utilize what has been learned to make decisions like humans would. artificial intelligence is a system that thinks like a human, acts like a human, thinks rationally, and acts rationally."

Artificial intelligence operates by swiftly combining vast amounts of data, iterative processing, and intelligent algorithms, enabling software to automatically learn from patterns or features within the data. Artificial intelligence is a broad field of study encompassing numerous theories, methods, and technologies, as well as major subfields. Artificial intelligence works by rapidly integrating a large amount of data, iterative processing, and intelligent algorithms, allowing software to autonomously learn from patterns or features within the data (Mulianingsih et al., 2020).

We can see the application of artificial intelligence in many sectors of industries. In the retail industry, we can see at Amazon Just Walk Out System. It combines artificial intelligence technology with computer vision, sensor fusion, and deep learning technologies. Unlike conventional stores, Amazon's Just Walk Out system allows us to just grab stuff we wanted to buy and then just walk out of the store without the need to queue at the cashier to pay for our stuff. It can be done because the Amazon system will take care of the payment process. Lets see another application of artificial intelligence in different industries. Not long before this essay is written, TV ONE introduces their artificial intelligence powered presenters in their shows.

B. Body

As a student, we can use artificial intelligence technology to assist us in our daily life. The daily life of a student is not far from studies, writing papers, doing homework, eating noodles, etc. With the help of artificial intelligence technology, we no longer need to spend a lot of time searching for suitable journals for our paper. We can now just ask artificial intelligence to find it for us. With the help of the right artificial intelligence tools, life as a student would get much easier.

Not only find a journal for you, it can also help you with your studies. Artificial intelligence such as OpenAI chat or also known as chatgpt is basically like asking your friend to help you solve a problem, but it's better. It can answer your questions more correctly, faster, and it can explain to you better than your friend does. Also you can ask OpenAI chat to create a questionnaire for you and also give you the correct answer. However, OpenAI chat has its limitations, such as the limitation of data availability results in OpenAI chat not having the latest information. It is because OpenAI chat has limited knowledge of the world and events after 2021, it may occasionally generate incorrect information.

For finding the newest journal or information, you can use other artificial intelligence such as Bing chatbot. It's slower than OpenAI chat, but it is still faster than using normal search engines such as Google, Bing, Yahoo, etc because the Bing chatbot is the integration of bing search engine and artificial intelligence technology. It also gives you more precise information. Why would you waste your time by searching the precise information or article you need on normal search engines when you can ask Bing chatbot to search it for you.

If you are also an organization member, it must be hard to manage time. If you ever feel tired and need an assistant, Google Assistant will be happy to help assist you anytime. It is a virtual assistant from Google that can help you with many great things. It can help you remind you of something, call someone on your phone, quickly answer your question, give you local information, play music, tell a news, tell a joke, and even give you a happy birthday when it is your birthday. If you are lonely and don't have a friend to talk to, don't worry Google Assistant will always be there for you.

If you require assistance in improving your English language skills, there is an artificial intelligence application called ELSA Speak that is accessible on both Play Store and App Store. With ELSA Speak, you can enhance your vocabulary pronunciation through engaging in short dialogues, and receive valuable feedback from the AI system after speaking the vocabulary.

The integration of artificial intelligence technology into the lives of students offers numerous benefits and simplifies various aspects of their daily routine. With AI tools, students can save time by effortlessly finding suitable journals for their papers and receiving accurate and prompt answers to their study-related questions.

C. Conclusion

Artificial intelligence has become a prominent aspect of industry 4.0, enabling computers to learn, process data, and make decisions similar to humans. AI offers numerous benefits, such as efficient data analysis, automation, and improved problem-solving capabilities. We have witnessed its application in various industries, including retail and media. As students, AI technology can greatly assist us in our daily lives, from finding suitable journals for academic papers to providing study support and answering questions. Tools like OpenAI chat and Bing chatbot offer valuable assistance in searching for information and generating accurate responses. Additionally, virtual assistants like Google Assistant can provide organizational support and companionship. However, it is important to be aware of the limitations of AI, such as outdated information and overdependence, which can hinder critical thinking skills and human interaction. Therefore, it is crucial to strike a balance between utilizing AI technology and maintaining essential human skills and connections for holistic development. With proper integration, AI can significantly enhance the learning experience and streamline various tasks for students.

D. References

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