

Empowering Muslims through AI Technology: Transforming Knowledge in Various Fields

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ARTICLE INFO	ABSTRACT
Volume: 4 ISSN: 2963-5489	This research used descriptive qualitative approach with library research method. Advances in artificial intelligence (AI) technology have made significant contributions to empowering Muslims in various aspects of life. This technology accelerates access to Islamic knowledge, enables personalized learning, and increases efficiency in the management of Islamic education. Furthermore, AI also supports the development of Sharia-based social and economic services, such as digital zakat and halal fintech. In the context of da'wah (Islamic outreach), AI expands the reach of Islamic messages through more contextual and targeted digital media. However, the application of AI still faces ethical and accuracy challenges, particularly if the system is developed without the guidance of Islamic scholars and Sharia experts. Therefore, collaboration between technologists, Muslim scholars, and Islamic institutions is essential to ensure that the integration of AI into the lives of Muslims reflects Islamic values and creates a just, inclusive, and ethical digital environment.
KEYWORD Artificial Intelligence, Community Empowerment, Islamic Knowledge, Digital Da'wah, Sharia Economics, AI Ethics	

1. Introduction

AI is a model of machine intelligence programmed to think like humans. There are several definitions of AI, one of which explains that AI is the science and engineering of making intelligent machines, especially intelligent computer programs. This is related to the similar task of using computers to understand human intelligence, but AI does not have to limit itself to biologically observable methods.

Artificial intelligence (AI) has great potential for use in Islamic da'wah activities, such as disseminating religious information more widely and effectively. However, the effectiveness of AI depends heavily on the quality of the data used; biased data can produce misleading information. Therefore, preachers need to understand and utilize AI with the right approach, including using accurate data, grounded in Islamic values, and paying attention to ethical aspects and social impacts. AI can also help preachers identify the characteristics of their da'wah targets, thus making their message delivery strategies more relevant and targeted. As a technology designed to mimic human thinking, AI plays a role in the digitalization process, which is now opening up new opportunities in the field of da'wah. Therefore, it is important for Muslims not to be merely passive users but to be able to manage and develop this technology for the benefit of more strategic and effective da'wah.

Advances in artificial intelligence (AI) technology have had a significant impact on various aspects of life, including efforts to empower Muslims. AI has the potential to increase access to Islamic information, strengthen education, support digital

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da'wah (Islamic outreach), and encourage the development of the Islamic economy. However, its utilization still faces challenges such as limited digital literacy and the suboptimal integration of Islamic values in its application. Therefore, an appropriate strategy is needed so that AI functions not only as a technological tool but also as a means of knowledge transformation that supports the independence and progress of Muslims in the digital era. This study is crucial for assessing the potential of AI to empower Muslims holistically across various aspects of life.

2. Literature Review

To understand how artificial intelligence (AI) technology can contribute to the empowerment of Muslims, it is important to examine a number of relevant previous concepts and research.

2.1 The Concept of Artificial Intelligence

Artificial Intelligence (AI) is a branch of computer science that focuses on creating intelligent systems that can mimic human thinking, learning, and problem-solving. AI is currently widely used in various sectors, including education, healthcare, economics, and religion (Russell & Norvig, 2021). According to IBM (2020), AI can be applied in the form of machine learning, natural language processing, and computer vision to automate decision-making processes and efficiently process large amounts of data.

2.2 Knowledge Transformation through AI Technology

AI technology has transformed the way humans access and manage knowledge. AI enables personalized information, adaptive learning, and large-scale processing of religious data. In the Islamic context, AI can be used to develop Quranic teaching applications, automated fatwa search systems, and the digitization of classical texts (Yusof et al., 2021). This transformation not only facilitates access to religious knowledge but also expands the reach of Islamic da'wah and education in the digital era.

2.3 Empowering Muslims in the Digital Era

Muslim empowerment is the process of increasing the capacity of individuals and communities to become spiritually, socially, and economically independent. Digital technology, including AI, can be a crucial tool in this empowerment process, for example through online education, AI-based training, digital Islamic financial systems, and strengthening digital literacy based on Islamic values (Hasyim, 2022). This empowerment is crucial so that Muslims become not only consumers of technology, but also producers and managers of beneficial technology.

2.4 AI in Da'wah and Islamic Education

In the field of Islamic propagation, AI has been utilized in the form of Islamic chatbots, content recommendation systems for Islamic propagation, and audience data analysis to determine appropriate propagation methods. AI can also support Islamic education through interactive applications that teach the Quran, hadith, and fiqh digitally and adaptively (Fatmawati, 2020). However, the use of AI in the Islamic field must remain grounded in the principles of accuracy, ethical values, and Islamic teachings to prevent distortion of religious information.

2.5 Ethical Challenges and Data Validity in AI

One of the challenges in implementing AI is data bias and the ethics of its use. AI will only perform optimally if trained with representative and non-discriminatory data. In a religious context, misinformation or bias in data can lead to the spread of erroneous understandings of Islam (Sari et al., 2023). Therefore, it is crucial for Muslim developers and Islamic institutions to monitor data quality and ensure that AI systems reflect authentic Islamic values.

3. Methodology

This research employs a qualitative method with a descriptive-analytical approach, aiming to deeply examine the role of artificial intelligence (AI) technology in empowering Muslims and transforming knowledge across various life domains. The approach employed is library research, examining various scientific sources such as journals, books, research reports, and official documents discussing the use of AI in the context of Islamic education, da'wah, and Muslim community development. Furthermore, when combined with case studies, primary data can be obtained through in-depth interviews with da'wah figures, Islamic AI application developers, or academics, while secondary data is obtained from scientific articles, statistical data, and digital publications from relevant institutions such as the Indonesian Ulema Council (MUI), the Ministry of Religious

Affairs (Kemenag), or Islamic technology journals. Data collection techniques include a literature review, content analysis of AI content used in Islamic platforms, and online observation of AI-based digital applications. All data are analyzed qualitatively through data reduction, thematic categorization, interpretation of meaning, and drawing conclusions to obtain a comprehensive picture of the contribution and challenges of AI in empowering Muslims.

4. Results and Discussion

4.1 AI as a Means of Empowering the Muslim Community

Artificial Intelligence (AI) has become a strategic technology that offers significant opportunities to strengthen the capacity of Muslims in various areas of life. Empowering the Muslim community through AI extends beyond economic development to expanding access to Islamic education, digital literacy, and a more equitable distribution of knowledge. This technology enables Muslims to access Islamic resources more easily and inclusively, thereby enhancing their religious understanding and participation in an increasingly complex digital world (Alomari et al., 2021). Muslims become active participants in the production of Islamic content aligned with Islamic values, not simply consumers of information. Mastery of technology, the ability to filter information in accordance with Islamic ethical principles, and the use of AI to resolve social issues in a civilized manner are essential parts of this empowerment process. Thus, AI can be used as a strategic instrument to shape an independent, digitally competent community that actively contributes to building an Islamic civilization that adapts to changing times without abandoning its core values (Zainuddin et al., 2022).

4.2 AI in the Transformation of Islamic Knowledge

Artificial intelligence (AI) offers significant opportunities to transform the dissemination and understanding of Islamic knowledge, making it more dynamic, contextual, and accessible. Through technologies such as Natural Language Processing (NLP), AI can assist in the digitization and preservation of classical Islamic literature, translate religious texts into various languages, and provide interactive platforms for learning the Quran and Hadith. AI's language processing capabilities enable the presentation of Islamic information tailored to the user's needs and context, thereby accelerating and personalizing the process of seeking knowledge. However, the application of AI in this field also poses ethical challenges, particularly related to the potential for data bias and misinterpretation. Therefore, the development of these systems must involve oversight from Islamic scholars and sharia experts to ensure accuracy and adherence to Islamic values (Yusof et al., 2021; Ahmed, 2023).

4.3 AI in Digital Da'wah and Islamic Communication

Advances in artificial intelligence (AI) technology have had a significant positive impact on Islamic da'wah. The application of AI through da'wah chatbots, sermon recommendation systems, and algorithm-based Islamic content allows for faster, more targeted, and more tailored dissemination of Islamic messages. This technology is capable of analyzing user characteristics such as interests, age, location, and content consumption patterns, enabling a more strategic and personalized da'wah approach. Furthermore, AI support on social media expands the reach of da'wah, particularly in reaching the younger generation, the primary target. However, the use of AI in da'wah must remain ethically supervised to prevent the spread of inappropriate or provocative content, while prioritizing scientific validation and ethical values as the primary foundations for integrating this technology (Rahman & Aziz, 2022; Karim et al., 2023).

4.4 AI in Islamic Education Management

Advances in artificial intelligence (AI) technology have had a significant impact on Islamic education management. Smart learning systems enable teaching materials to be tailored to individual students' abilities and understanding, provide automated feedback, and recommend the most effective learning methods to improve learning outcomes. In educational administration, AI is also being utilized to manage scheduling, record grades, evaluate teacher performance, and monitor student academic progress, thereby improving the operational efficiency of Islamic educational institutions. Furthermore, this technology supports more contextualized personalized education tailored to student needs. However, the main challenges in implementing AI are low digital literacy among Islamic education administrators and the need to integrate technology with Islamic spiritual values for optimal and meaningful AI-based education (Sari & Putra, 2022; Nasution, 2023).

4.5 AI in Strengthening Sharia Economy and Islamic Social Services

Artificial intelligence (AI) technology has strengthened the Islamic economic ecosystem by providing technology-based financial services such as halal fintech, digital zakat, and waqf crowdfunding. These innovations enable faster, more transparent, and more secure transaction processes, while simultaneously increasing financial inclusion among Muslims.

AI plays a crucial role in mapping community needs for more targeted distribution of zakat, alms, and social assistance. With the support of AI-generated data, Islamic social institutions can make more accurate decisions and reach more beneficiaries. However, the development of this technology must remain grounded in the principles of maqasid sharia, prioritizing not only efficiency but also maintaining the values of justice and blessings in Islamic economic practices (Hassan & Abdullah, 2021; Wahid, 2023).

4.6 Ethics and Challenges of AI Implementation in Islam

Although artificial intelligence (AI) offers many opportunities in an Islamic context, its implementation still faces significant challenges, particularly regarding ethical aspects and content validity. Because AI relies on training data, if that data contains bias or is inconsistent with Islamic values, the resulting results can lead to errors and deviations. Therefore, the active involvement of Muslims in the entire AI development process, from data collection and algorithm design to system oversight, is crucial. Furthermore, digital ethical literacy needs to be instilled from an early age so that users not only understand the technology but also develop a moral awareness and social responsibility in its use. Developing AI in accordance with Islamic principles must involve collaboration between technology experts, religious scholars, academics, and Islamic missionary institutions so that AI can function as a tool for empowering the community, rather than simply for commercialization or the dissemination of misleading information (Ismail & Rahman, 2022; Khalid, 2023).

5. Conclusion

Artificial intelligence (AI) holds significant potential for enhancing Muslim empowerment across various sectors, such as da'wah (Islamic outreach), Islamic education, and Islamic economics. AI technology enables the dissemination of religious information more widely, personally, and efficiently through the application of advanced digital technologies, including da'wah chatbots and content recommendation systems. Furthermore, AI plays a crucial role in transforming Islamic knowledge into something more accessible, interactive, and contextualized to meet user needs.

The successful use of AI depends heavily on the quality of the data used and its alignment with Islamic values. Key challenges include avoiding data bias and maintaining ethical principles to prevent distortions in religious understanding. Therefore, the active involvement of religious scholars, academics, technology developers, and religious institutions is necessary to oversee and guide the development of AI in accordance with Islamic principles.

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