

ETHICAL DIMENSIONS OF *ARTIFICIAL INTELLIGENCE-ENABLED* ACCOUNTING FROM THE PERSPECTIVE OF PANCASILA: NAVIGATING GLOBAL ECONOMIC REALITIES

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Abstract

The development of artificial intelligence (AI) technology in accounting poses ethical challenges that need to be integrated with local values, especially in Pancasila. This study aims to explore the ethical dimensions of accounting that utilize AI in the Pancasila perspective and its relevance in navigating the global economic reality. This study uses qualitative methods through literature studies, in-depth interviews with practitioners and academics, and data mining from webinars that raise the theme of Pancasila and technology. The resource persons include practitioners, academics, and observers of Pancasila. The results of the study indicate that the use of AI in accounting must be directed to support transparency, integrity, fairness, and accuracy, in accordance with the values of Pancasila. In addition, education, professional development, and strategic decision-making are key factors in ensuring the ethical use of AI. This study provides theoretical implications for the development of accounting ethics and practical guidance for practitioners, regulators, and the public in integrating AI with Pancasila values. Ethical challenges and accounting policies in the use of AI are also discussed to ensure sustainability and integrity.

Keywords: Accounting Ethics, Artificial Intelligence, Integrity, Pancasila, Transparency.

Introduction

A provocative question arises how the role of Pancasila accounting in the era of *Artificial Intelligence* (AI) innovation and the global economy? Although the question is a new thing that requires further research. But globally the presence of AI has been proven to affect business sustainability ((1) (2); (3), doing business innovation(4,5). Artificial intelligence or AI is a technology that is increasingly developing and increasingly used in various aspects of human life (6), including in the field of akuntansi (7–9). However, the use of AI in accounting also raises various ethical questions, especially accounting ethics that need to be answered. Therefore, this study addresses how the ethical dimensions of AI-enabled accounting can be applied in the perspective of Pancasila to navigate the global economic reality.

Pancasila, as the state foundation of the Republic of Indonesia, provides a distinctive philosophical foundation in various aspects of life, including the economy (10,11). Pancasila

values, such as gotong royong, social justice, and unity, play an important role in Indonesia's economic development (12–14 (14). In the era of economic globalization, where information and communication technologies are increasingly dominating, research on how technologies such as artificial intelligence (AI) can be used in the accounting realm by considering the ethical dimensions of Pancasila is becoming increasingly relevant.

Artificial intelligence (AI) is a technology that enables computers to perform tasks superior to humans (Tjahyanti et al., 2022). AI is starting to take a role in sustainable development, entrepreneurship with sustainable development goals (3). However, the use of AI also raises various ethical questions, especially in accounting. The basic principles of accountant ethics based on Al-Baqarah and Pancasila can be an alternative to developing basic principles of accountant ethics with religious values and Pancasila (15). In the perspective of human values, AI comes with an extraordinary pattern and is able to carry out rational human-like thought processes and activities (2). Therefore, it is important to place AI within the guidelines of the Indonesian state in accordance with the values of Pancasila.

Advances in AI technology have brought about significant changes in accounting practices. AI is capable of performing tasks that used to be done only by humans, such as financial data analysis, transaction recording, and even economic trend prediction. As such, the use of AI in accounting has the potential to improve the efficiency, accuracy, and quality of financial statements (16). However, the use of this technology also raises various ethical questions that need to be answered.

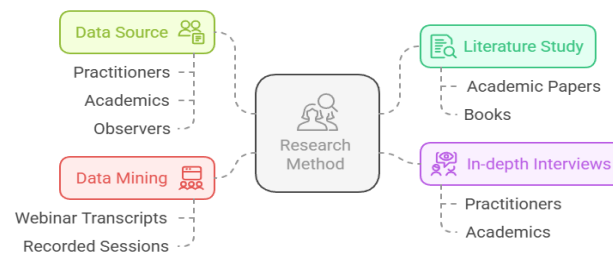
This research aims to navigate the global economic reality by looking at the novelty in the use of AI in accounting, focusing on the ethical dimension in accordance with the values of Pancasila. The conflict between economic gain and ethical values is often a dilemma that must be faced in the context of the use of AI in accounting. Therefore, it is important to understand how the use of AI in accounting can be in accordance with the principles of Pancasila, such as justice, equality, and sustainability. This research highlights the importance of integrating ethical values, such as social justice, unity, and gotong royong, in the use of AI in accounting. These values should guide the development and implementation of AI technologies in the accounting context, to ensure that the economic benefits obtained also reflect Indonesia's moral and cultural principles.

Methods

This research is based on an interdisciplinary research approach that combines qualitative and analytical methods (17) which involved an in-depth literature analysis to develop a strong theoretical foundation and framework (Rossman & Rallis, 2020; Sharon, 2023 (21)). The literature analysis included a review of literature related to the use of AI in accounting, business ethics, and the principles of Pancasila as the foundation of the state. These literatures help in understanding the ethical and moral issues related to the use of AI in accounting in the perspective of Pancasila. In exploring the views and understanding of accounting practitioners, Pancasila observers and academics, qualitative research methods were used with online data mining such as the implementation of webinars that raised themes related to Pancasila. In-depth interviews with stakeholders in exploring their understanding of how Pancasila values can be integrated in AI-enabled accounting practices. Through these methods, this research can present a comprehensive understanding of the integration of ethical values in the use of AI in accounting from the

perspective of Pancasila. The qualitative method allows for an in-depth exploration of the views of various stakeholders, while the literature analysis provides a solid theoretical basis for understanding ethical and moral issues in the context of AI technology in accounting.

Research Method and Data Sources



The list of informants is presented in Table 1 below:

Table 1. List of Informan

No.	Informant Name	Position
1	Kirasave	Academician / Pancasila Observer
2	Taufik	Practitioner
3	Adjie	Accounting Lecturer
4	Alvien	Academician/Practitioner
5	Burhan	Pancasila Lecturer

Results and Discussion

This research has uncovered various aspects of the use of AI in accounting, including its practical implementation, its impact on accounting policies, as well as the ethical challenges that arise. In addition, this research explores how the values of Pancasila can be integrated in the use of AI in accounting, so that this technology can become a tool that supports sustainable and inclusive economic development. The research findings are outlined in the following presentation:

Use of AI in Accounting

The use of *artificial intelligence* (AI) in accounting has significantly changed the landscape of this industry (22). AI has enabled the automation of routine tasks such as transaction recording, ledger filling, and financial statement preparation, reducing the risk of human error and freeing up accounting professionals' time to focus on data analysis and strategic decision-making. In addition, AI has improved the accuracy of financial data analysis and enabled more precise forecasting, aided in more efficient auditing, and supported risk management and regulatory compliance. More and more companies and organizations are embracing this technology to gain deeper insights, greater efficiency, and the ability to take action based on stronger data. This shows that AI has become an irreplaceable partner in the modern accounting world.

"...Technology is like a double-edged knife, on the one hand technology can provide benefits in the form of convenience in all aspects of human life, but on the other hand there will be things that will be replaced (excluded / marginalized) by the existence of these technologies..." (Alvien-Academician & Practitioner)

The impact of this change involves two sides of human life, namely in real life and virtual life. People who were originally accustomed to physical meetings have now entered the era of the online world both related to education and work. For this reason, human resources are more required to be able to master and run various digital devices, namely by utilizing the presence of AI. The use of AI in accounting can automate routine tasks such as recording transactions and analyzing data. This can reduce human workload, allowing accounting staff to focus on more complex and strategic tasks. This was expressed by the following informant:

"...In relation to accounting practices, the use of AI-based technology can certainly provide benefits, because it can provide convenience for practitioners in the process of providing data and conducting analysis. In addition, the use of AI-based technology can also reduce the possibility of *human error*..." (Alvien-Academician & Practitioner)

The informants' expressions signal that AI can help in reducing human error and ensuring compliance with accounting and tax regulations. This supports the principle of just and civilized law. The use of AI in accounting can help improve the transparency and integrity of financial data. This is in accordance with the principles of fairness and honesty that are part of Pancasila. Research results show that the use of AI in accounting has brought a positive impact in improving the efficiency, accuracy, and quality of financial reports (8). AI can perform tasks that used to take time and human resources, such as data analysis and transaction recording, more quickly and accurately (Sihombing & Wirapraja, 2018) . This was revealed by the following informant:

"...It cannot be denied that the development of the use of AI-based technology is considered to be growing in the future. However, what needs to be considered is that the use of AI-based technology is a way to help improve human performance, and not to replace human positions. So it is important to provide limits to the use of technology itself. This means that the use of AI-based technology in accounting practice can only be used to help present data in a relatively fast time, but the analysis and decision-making process must still be carried out by accounting practitioners (humans). This is because the process of analysis and decision making is not only based on data which is the result of logical thinking (brain / rational) alone, but also based on intuition (feeling / heart) that has been given by God Almighty to every human being..." (Alvien-Academician & Practitioner)

The informant's statement above is in line with (23) that with the development of technology, land, food and energy which leads to the formation of global values, it cannot be denied that the field of accounting has directly been pushed into the flow of human civilization. This is a reality of the development of accounting now, which emphasizes more on worldly elements than Godly values as stated in the precepts of Pancasila. Pancasila not only serves as a solid foundation as character education for the nation's children but as a space to face the challenges and opportunities that arise in the digital era. Even in the digital era, we often spread misinformation, sometimes hateful rhetoric.

Ethical Challenges of Using AI in Accounting

The use of artificial intelligence (AI) in accounting, as in other fields, brings a number of ethical challenges that need to be addressed, especially in the context of Pancasila values. One of the main challenges is the dependence on technology that threatens the aspects of cooperation and

wisdom rooted in Pancasila's concept of social solidarity. The existence of AI can create economic and social inequalities if not managed properly, which is against the principle of social justice of Pancasila. This was expressed by informant Kirasave Agung - Academician / Pancasila Observer (Researcher of Sukarno's Personal Brand) in the Webinar of the Pancasila Nationality House on October 2, 2023 with the theme of challenges and solutions to keep Pancasila strong. This was revealed by the following informant:

"...that in today's digital era what will be faced is the digitalization of colonialism and imperialism..." (Kirasave Agung - Academician / Pancasila Observer)

This was reaffirmed by the following informant:

"...Providing education and understanding to students about morals and ethics based on Pancasila values in the use of AI-based technology in accounting, so that students can limit the use of technology in accordance with norms, morals, and ethics based on Pancasila values..." (Alvien-Academician & Practitioner)

The informant's expression that the current digital era faces challenges that have the potential to affect the field of accounting and finance in a context that can be referred to as the "digitalization of colonialism and imperialism." Along with technological development and economic globalization, large technology companies and developed countries have the ability to control financial data and company information from different countries. Similar to the impact of colonialism, this can create inequalities in the control and benefits of critical financial data. Then, just like during imperialism, there is the immense influence wielded by large countries and entities in determining global accounting standards and financial regulations that affect developing countries. Therefore, it is important for accounting professionals and regulators to pay attention to ethical aspects and fairness in the application of digital technology in accounting. This was expressed by the following interviewees:

"...Well...the development of technology and the influence of cultures from outside constantly invades us, then it is possible that ee...there is a distrust, there is distrust of Pancasila, this is what we are careful about..do not let the existence of Pancasila be considered a disruptor..." (Taufik-Practitioner)

This was confirmed by the following informant:

The ethical guidelines of the accounting profession are a reference used by accounting practitioners in carrying out their professional obligations. So that when the ethical guidelines of the accountant profession have internalized the values of Pancasila, then automatically the behavior of accounting practitioners in carrying out their professional obligations and in the use of AI-based technology will also be in line with the values of Pancasila which have been internalized in the code of ethics of the accountant profession..." (Alvien-Academician & Practitioner)

The development of balanced regulations, privacy protection, and fair international collaboration are very important to maintain justice and equality in this digital era. As expressed by informant Adjie in the following interview statement:

"...The transformation of education and foreign culture as a global commodity is often accompanied by the absorption of neoliberalism ideology. Although massive changes to the absorption of foreign cultural values are more often considered as an effort to exist to keep up with the times..." (Adjie)

In addition, the ethical use of accounting-related data is also an important issue in the context of Pancasila values, such as the principle of protecting human rights. (24,25) criticized the ethics applied in accounting for not being in line with Indonesian ideology. They argued that the failure in the field of accounting ethics can be caused by the loss of ethical roots, especially divinity, which is the foundation of Indonesian ideology.

This is in line with the research of (26) which states that accounting science has currently experienced stagnation and dimness. This can be seen with the development of accounting science which is no longer based on the importance of values. Therefore, it is appropriate that the latest developments in science and technology that are adapted must still be adjusted philosophically based on the philosophy of the nation, namely Pancasila, which is full of moral values, ethics, religiosity and nationalism. The use of financial data in AI must adhere to the principles of openness, equality, and responsibility espoused by Pancasila. Therefore, in implementing AI technology in accounting, there needs to be a balance between technological advancement and ethical values reflected in Pancasila, by ensuring that the use of AI benefits the whole society and pays attention to the social, economic, and cultural principles upheld in the concept of Pancasila.

"...this is where Pancasila must be able to be a solution to any existing problems. Pancasila must have flexibility or adaptability in all situations and conditions. The existing diversity will be united with Pancasila..." (Kirasave Agung - Academician / Pancasila Observer)

However, the use of AI in accounting also raises various ethical challenges. One of them is concerns related to data privacy and security. AI can collect and analyze personal data, which can compromise the rights of individuals. Other ethical challenges include bias in AI algorithms, which can result in unfair decisions, as well as issues around transparency and accountability. This was revealed in the Webinar "Pancasila as the foundation of character education for the nation's children" one of the speakers, Taufik, revealed that:

"...Why Pancasila is something that must always be discussed, because the world is now increasingly moving, technology is so advanced..ee...as we know we are entering the 4.0 revolution where the role of technology in life 4.0..society, don't yaa...until technology overregulates humans, because with the development of artificial intelligence, ee... it really undermines the role of humans... (Taufik

Informant Taufik's statement was emphasized by informant Alvien as follows:

"...As I mentioned earlier that this technology is like a double-edged knife, which means that the good or bad of the technology is determined by its users. But the problem is that there are no regulations that strictly regulate the limits of the use of AI-based technology in accounting practice, so we also cannot take a stand to prohibit or allow the use of AI-based technology in accounting practice within certain limits..." (Alvien-Academician & Practitioner)

The informant's statement above is in line with what (14) stated that Accountants must understand the main principles of the state through externalization and internalization. In the context of externalization, accountants must participate freely and actively in building a world order (especially through the development of accounting disciplines and business practices) based on freedom, lasting peace, and social justice. In the internalization process, accountants must develop accounting disciplines to respect and enhance the dignity of the people of the country. In the context of globalization, accounting must play a role in building civilization by promoting justice. The participation of accountants in various global organizations must not reduce Indonesia's noble values. Internationalization of the profession is a necessity for Indonesian accountants, but its spirit must be directed towards achieving justice and common welfare, especially for the Indonesian people.

Integration of Pancasila Values in AI-enabled Accounting

The integration of Pancasila values in accounting practices that are increasingly supported by artificial intelligence (AI) capabilities is important and relevant. One of the values of Pancasila is "Social Justice," which emphasizes the importance of equalizing economic opportunities and benefits for the entire society. In the context of accounting, the use of AI can provide an opportunity to reduce disparities in the quality of accounting services and understanding of financial data. In addition, other Pancasila values, such as "Belief in One God," create an ethical basis for honest and transparent accounting practices.

"...We have Pancasila as the identity of the nation as a philosophical formulation that ee... which is very powerful ... which is a lot of countries ..which almost no country has the principles of life formally formulated by the founders of the state, so that ... ee...we know that Bung Karno conveyed at the UN session the 5 principles of Pancasila, it was really amazing and really got the appreciation of the world public ... meaning what ... Pancasila is a very great wealth, very powerful and very monumental which is actually also very useful for global life ... (Taufik)

In line with the following informant that:

"...In the context of artificial intelligence (AI)-based accounting, ethics refers to the moral principles and values that govern behavior and decisions both in the use of AI technology, and in the acceptance of data generated from the use of AI. Ethics in AI-based accounting includes considerations regarding fair and honest decision-making, equal treatment of all business and social interests, and avoidance of discrimination and bias in data processing and decision-making..." (Alvien-Academician & Practitioner)

Pancasila is Indonesia's national treasure of undeniable majesty, preeminence and monumentality. More than just a worldview, Pancasila also has great potential to be the basis of accounting principles that reflect the wisdom, integrity, and moral values that are so important in this profession. The fundamental concepts in Pancasila, such as unity, social justice, almighty divinity, just and civilized humanity, create an ideal framework for developing accounting principles that uphold integrity, openness, responsibility, and fairness in the management of financial information. By using Pancasila values as a guide, the basic concepts and principles of accounting can be more inclusive and sustainable, which in turn will provide benefits to users of financial information as well as society in an effort to achieve fair and sustainable economic growth.

"...The values of Pancasila can be used as a basic approach to shape ethical behavior in the application of AI technology in accounting by ensuring that this technology is used for the common good, respecting the rights and interests of all parties, aiming to realize social welfare and justice. By adhering to the values of Pancasila, accounting practitioners can ensure that AI technology is used with integrity and ethics not only in supporting business growth for the benefit of capital owners only, but also in community development to realize a prosperous, just and prosperous society..." (Alvien-Academician & Practitioner)

Integration of Pancasila values may also include corporate social responsibility and compliance with regulations and ethics set by financial institutions and regulators. The use of AI in accounting should uphold values such as integrity, openness, and responsibility, which are in line with Pancasila.

In addition, the principles of justice in the distribution of wealth and opportunities must be maintained when implementing AI technology in accounting, so that the benefits of digitization and automation can be evenly distributed to all levels of society. Thus, the integration of Pancasila values in AI-powered accounting is key in maintaining ethics, fairness, and sustainability in this technological development for the good of all parties.

"...To be able to ensure that the application of AI technology in accounting practices remains in accordance with the values of Pancasila, the first thing to do is to ensure that the values of Pancasila have been adopted and internalized in the ethical guidelines of the accounting profession..." (Alvien-Academician & Practitioner)

This was confirmed by the following informant:

"...it should be that whatever field of science or whatever activity is carried out as long as he is an Indonesian citizen, he must carry out the values of Pancasila..." (Burhan-Lecturer of Pancasila)

Pancasila is a moral and ethical foundation that reflects unity, social justice, diversity, and the basic principles of harmonious living. Therefore, in moving towards an internationalized world, the younger generation must be empowered with a deep understanding of the values of Pancasila, so that they can become agents of change who promote peace, tolerance, and justice at the global

level. Education and awareness of Pancasila is key in ensuring that, as we move forward in the industrial revolution, we will not lose the cultural roots and values that are the true wealth of the Indonesian nation. As expressed by the following resource person:

"...Well ... ee... I want to say this that Pancasila must be the foundation of society in all segments of life well ... ee... because why ... because Pancasila is indeed a formulation that is extracted from existing potentials, namely the potential of calcer, culture, yes ... and also the potential of religion ..ee... because of that Pancasila is very compatible with all existing cultures that exist in Indonesia, all customs that exist in Indonesia and all religions that develop in Indonesia ..." (Taufik)

This was also confirmed by the following informant:

"...Encourage and support research and development in the field of AI ethics, providing deeper insights on how to deal with the ethical challenges related to the use of AI technology in accounting by consulting with Ethics Experts and legal experts in the process of drafting and developing AI ethics policies and guidelines in accounting education..." (Alvien-Academician & Practitioner)

The ongoing development of the industrial revolution in today's global era is a major step towards technological advancement, productivity and connectivity. However, on this journey, we must maintain our roots and cultural identity as a nation.

The integration of Pancasila values in the use of AI in accounting is important in the context of maintaining integrity and morals in an increasingly technological accounting practice. The following discussion outlines some aspects that need to be considered:

The integration of Pancasila values requires special attention to the balance between the economic efficiency provided by AI and social justice. Policymakers must ensure that AI technologies not only provide economic benefits to the few, but also support the welfare of society at large. Thus the following informant's question:

"...So in this case, at least for now, the role of accountant professional ethics must be upheld so that accounting practitioners who want to use AI-based technology to help improve their productivity and performance must stick to the existing accountant professional ethics, so that the use of AI-based technology in accounting practices is not misused..." (Alvien-Academician & Practitioner)

On the other hand, the values of Pancasila according to informants involve efforts to educate and raise public awareness about the ethical use of AI in accounting. Training and counseling practitioners and stakeholders on the moral principles that need to be upheld is an important step.

"...The values of Pancasila should be used as the basis for shaping ethical behavior in the application of technology (AI) in accounting. This can be done by ensuring that this technology is used for the common good, respecting the rights and interests of all parties, with the aim of realizing welfare and social justice. By adhering to the values of Pancasila, accounting practitioners can ensure that AI technology is used with integrity and ethics, not only to support business growth and capital owners' profits, but

also to build a prosperous, just, and prosperous society..." (Alvien-Academician & Practitioner)

The integration of Pancasila values according to informants requires close collaboration between the government, private sector, and academia in formulating regulations, guidelines, and best practices. This will ensure that the implementation of AI technology is aligned with the values to be applied.

Pancasila, as the foundation of the Indonesian state, has unique and powerful ethical values that guide various aspects of life, including the economy. Amid the increasingly complex dynamics of the global economy, artificial intelligence (AI) technology has become an important factor in accounting practices, offering the potential to improve the efficiency and quality of financial reports. However, the use of AI in accounting also raises various ethical questions, often putting the values of Pancasila at stake. Therefore, a collaborative effort to integrate Pancasila values in the use of AI in accounting is an important step towards a better and more ethical future in accounting. By integrating Pancasila values in the use of AI in accounting, Indonesia can reap the benefits of this advanced technology while still maintaining a strong culture, morals and ethics. This will create a solid foundation for sustainable and inclusive development in the accounting domain and at the same time maintain Indonesia's distinctive cultural identity.

AI Rationalization and Accounting Efficiency

The use of Artificial Intelligence (AI) in accounting practices has been a controversial topic, with many pro and con opinions influencing views regarding the role of this technology in improving accounting efficiency. Here are some arguments regarding the use of AI in accounting efficiency:

'...That's one thing, what happens..and what happens is the implementation of technological development, the unification of this world so that it seems as if there are no borders with other countries - becoming one, where the culture of one nation with another culture is so intensively influencing each other as well as other lives..science and even religion as well as ee... interacting with each other in modern life now..." (Taufik)

This was minimized by the following informant:

"...We can adapt international regulations, but only those that can be adapted and do not clash with the interests of Pancasila. This means that Pancasila must remain prioritized, not international interests and not the interests of the industrial revolution. Going international, the industrial revolution can be done as long as it does not produce a generation of national children who cannot understand the importance of Pancasila". (Adjie-Academician).

Confirmed again by the following informant:

"...Based on these explanations it appears that it is important for organizations, governments, and accounting practitioners to identify, understand, and address these conflicts through thoughtful policies, strict regulation, education, and active participation in shaping the future of AI technology in the accounting context. With a careful and ethical approach, many of these conflicts can be managed to achieve a

balance between economic progress and ethical values..." (Alvien-Academician & Practitioner)

The informant's statement asserting that "Go international, the industrial revolution can be done as long as it does not produce a generation of national children who cannot understand the importance of Pancasila" reflects the awareness that, while following the flow of globalization, we must not lose the essence of Pancasila values that shape Indonesian character and identity.

The use of AI in accounting provides the opportunity to reduce administrative costs, improve the accuracy of financial statements, and allow human focus on more in-depth analysis. This is in line with the value of economic efficiency embodied in Pancasila. AI can perform calculations and analysis with a high degree of accuracy, reducing the risk of human error. This can result in more accurate financial reports, which are important in business decision-making.

AI can be used to analyze historical data and forecast future trends (predictive analysis). This allows companies to make more informed decisions and adjust their business strategies accordingly.

Ethical Dimensions of AI-Enabled Accounting

Over-reliance on AI may leave companies vulnerable in the event of a technology failure or data security breach. In addition, companies may lose the ability to perform basic accounting tasks if there are no staff with basic knowledge. As expressed by the following informant:

"...Some of the ethical challenges in the application of AI technology in accounting in my opinion are decision-making bias, over-reliance on technology, and misuse of technology. So that some things that need to be considered and improved are first, accounting practitioners who use AI technology must comply with the professional code of ethics in decision making. This means that decision making is not only based on data processed by technology but the data also needs to be re-analyzed using rationality and intuition, and ensuring that decisions taken always consider the interests of clients, business integrity, and the welfare of society. Second, providing education and understanding to accounting practitioners about AI technology and teaching accounting practitioners about its uses and limitations can help avoid over-reliance and ensure its prudent use. Third, establish strict regulations and conduct continuous monitoring to prevent misuse of AI technology in accounting practices. The government, professional organizations, and industry players should work together to develop relevant and effective regulations..." (Alvien-Academician & Practitioner)

The use of AI in accounting may result in the reduction of human jobs, especially in tasks that are automated. This may create economic uncertainty for accounting staff who may face unemployment. This was expressed by the following informant:

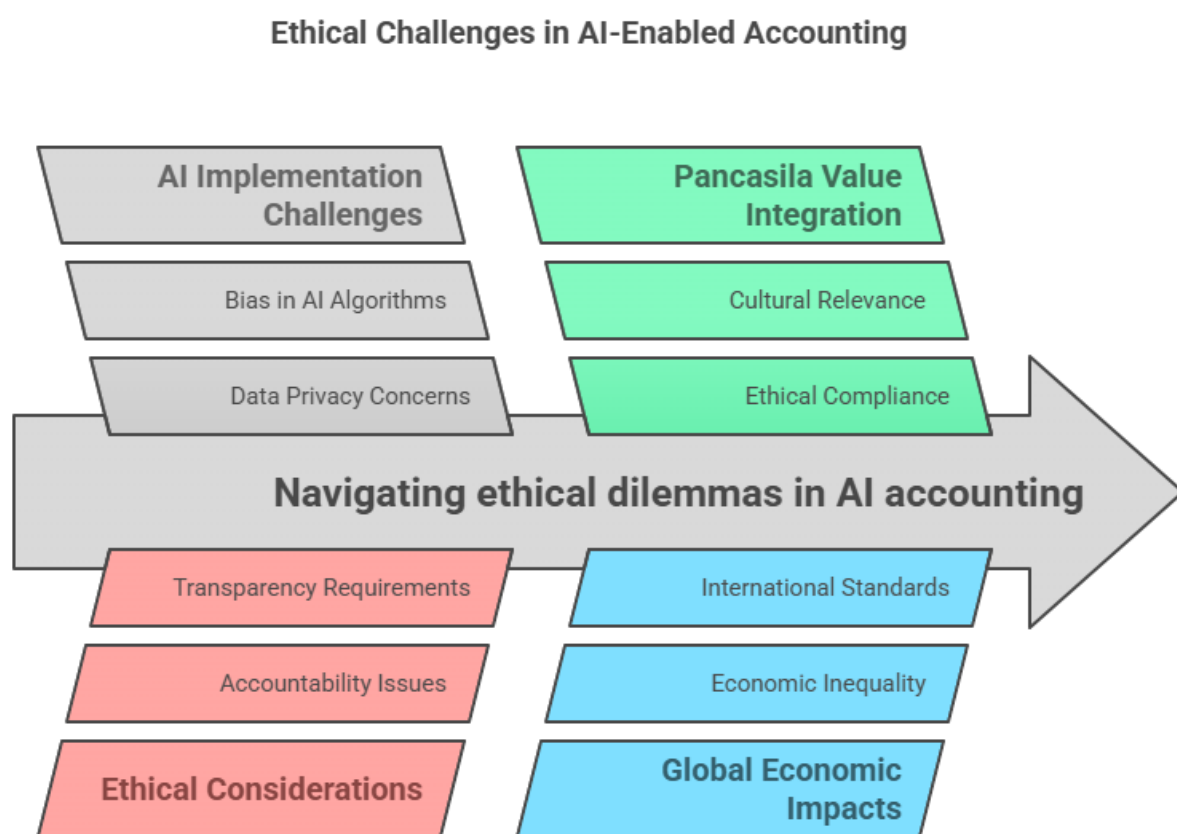
"...I think some of the ethical conflicts in AI-based accounting are firstly the replacement of human jobs. Unrestricted automation through AI technology can potentially replace human jobs, which raises ethical questions about the sustainability of human jobs. So there is a need for education and training to help human jobs adapt

to change, as well as exploring economic sustainability through the creation of new jobs in technology-related industries. Second, the conflict between increasing business profits and social interests. The use of AI technology to improve efficiency can bring financial benefits to businesses, but may not always prioritize social interests and justice. So it is important to develop internal and external policies that ensure that the use of AI technologies is balanced with social responsibility. providing reciprocal benefits to society, empowering workers, and supporting social initiatives can help address this conflict..." (Alvien-Academician & Practitioner)

The use of AI in accounting may raise ethical issues related to privacy and data usage. AI can collect, analyze, and store personal data of customers and employees, which must be regulated very carefully to protect the rights of individuals. This was elaborated by the following informants

"...I think some of the ethical conflicts in AI-based accounting are humanitarian and social justice issues. Humanitarian issues mean that humans trust and value the existence of technology more than the existence of humans. The owners of capital are more interested in making massive investments for technological development than for the distribution of social welfare for the community. For this reason, the internalization of Pancasila values, especially the values of God, Humanity, and social justice, is important to be carried out in all aspects of life, including the guidelines for the pre-accountant code of ethics..." (Alvien-Academician & Practitioner)

Overall, the use of AI in accounting has the potential to improve efficiency and accuracy, but also poses challenges in terms of unemployment and ethical issues. In adopting this technology, companies need to weigh the benefits and risks and develop appropriate policies to address these issues.



Discussion

The discussion on the Ethical Dimension of Accounting enhanced with artificial intelligence (AI) capabilities in the perspective of Pancasila indicates a deep understanding of the relationship between technology, ethics, and Indonesia's fundamental values. In this context, AI in accounting plays an important role in navigating the changing realities of the global economy. The Pancasila view of the use of this technology should always be directed towards transparency and integrity, education and professional development, fairness and equity, strategic decision-making, improved accuracy and compliance. The use of AI in accounting should contribute to equitable resource allocation, community empowerment and poverty alleviation. More than just efficiency, ethics in the use of AI becomes the foundation that strengthens the unity of the nation, ensures social justice for all Indonesians, and helps navigate through the dynamics of the global economy towards shared prosperity in line with the values of Pancasila. Thus, ethics in the use of AI in accounting is key in maintaining the integrity, unity, and prosperity of the Indonesian nation in a complex global economic reality. The research results are summarized in the following table:

Table 2: Research findings

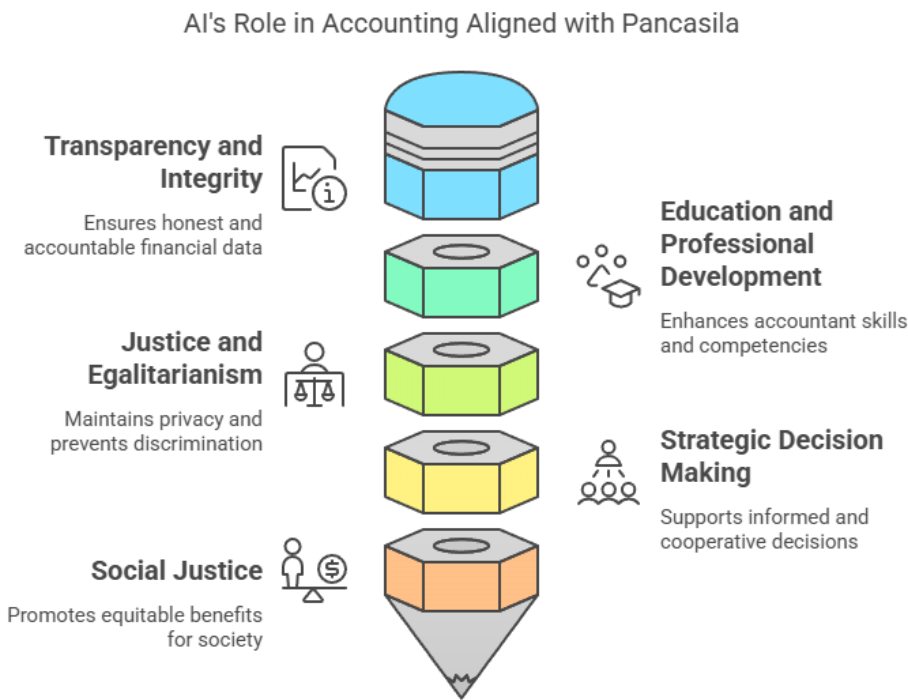
Please	Principles of Pancasila	Findings	Explanation
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First Precept	Almighty God	Transparency and Integrity	The use of AI in accounting can help improve the transparency and integrity of financial data. This is in accordance with the principle of justice and honesty, which must be accountable to God, Man and the Universe.
Second Precept	Just and civilized humanity	Education and Professional Development	AI can be used in the education and training of accountants, so that they can continuously improve their competencies. This supports the principles of just and civilized humanity.
Third Precept	Indonesian Unity	Justice and egalitarianism	It is important to ensure that the use of AI in accounting does not violate the union. This includes maintaining the privacy of employee and customer data, as well as preventing discrimination or misuse of technology that can harm certain individuals or groups which in turn can maintain the unity of the nation
Fourth Precept	Democracy led by wisdom in the deliberation of representatives	Strategic Decision Making	With advanced data analysis, AI can help managers and organization leaders make better and more strategic decisions, in accordance with the principle of mutual cooperation to achieve shared prosperity.
Fifth Precept	Social justice for all Indonesian people	Social Justice (Improvement Accuracy and Compliance)	Pancasila emphasizes the principle of social justice. When using AI in accounting, it is important to ensure

			this technology does not only benefit large corporations or economic elites, but also promotes social inclusion and provides equitable benefits society. This can include transparency in financial reporting, fair taxation, and reducing economic inequality.
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Source: Researchers (Data Processed, 2025)

This table illustrates various important aspects of the use of technology in the context of Pancasila. First, transparency and integrity highlight the importance of honesty and openness in accounting that must always be upheld. Then, education and professional development underscore the importance of constantly improving the competence and integrity of accountants. Furthermore, the aspect of justice and equality reflects the values of Pancasila that emphasize equity and fair allocation of resources. Strategic decision-making refers to the impact of using technology in helping organizations make better policies. Finally, improving accuracy and compliance reminds us of the importance of accuracy in recording transactions and adherence to regulations, all of which are the foundation of unity and shared prosperity in accordance with the principles of Pancasila



Conclusion

Research on the Ethical Dimensions of AI-enabled Accounting in the Perspective of Pancasila has illustrated the importance of integrating cultural, ethical, and moral values in the use

of artificial intelligence (AI) technology in accounting practice. Pancasila, as the foundation of the Indonesian state, provides distinctive moral and philosophical guidelines that can guide the development of AI technology in an ethical perspective. The results show that the use of AI in accounting can improve the efficiency, accuracy, and quality of financial statements. However, ethical challenges such as data privacy, algorithm bias, and information security also arise. In navigating the realities of the global economy, the integration of Pancasila values becomes essential to maintain the balance between economic benefits and the moral principles held by Indonesian society.

The integration of Pancasila values in the use of AI in accounting requires active collaboration between the government, private sector, and academia. This includes establishing a strict regulatory framework, ethical education to practitioners, and ensuring openness and accountability in the use of AI technology. With a careful and balanced approach, the use of AI in accounting can create synergy between technological development and the values of Pancasila. It is not only about achieving economic efficiency, but also about maintaining cultural, moral, and ethical integrity in accounting practices. Thus, the integration of Pancasila values in the use of AI in accounting can help Indonesia better face the challenges and opportunities in the global economic reality, in accordance with its distinctive moral and cultural vision. This research is expected to make an important contribution to the understanding of the role of AI in accounting in the context of Pancasila, so as to better face the challenges and opportunities of economic globalization, while maintaining important cultural and moral values in Indonesian society. Through this research, it can help to create a solid foundation for sustainable accounting practices that are in accordance with the view of Pancasila.

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