

Law and Morality in the Age of Artificial Intelligence

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Abstract

The Artificial Intelligence is changing our world fast [1]. It helps us make decisions in areas like government, healthcare, police and business [2]. These Artificial Intelligence systems are good because they are efficient, accurate and can handle a lot of work. As the Artificial Intelligence becomes more independent we need to think about some issues. We have to consider the law. What is right and wrong. This research looks at how our current laws are struggling to keep up with new Artificial Intelligence technologies. It asks if laws alone can control Artificial Intelligence or if we also need to think about what's morally right. The research examines problems like algorithms, unknown decision-making processes, private information safety and lack of control over machine-made decisions. The paper also explores who's responsible for ensuring Artificial Intelligence is used in a way. This includes people who create Artificial Intelligence companies that use it and governments that regulate it. They all must ensure Artificial Intelligence is fair just and respects dignity. The research looks at what other countries are doing to regulate Artificial Intelligence and suggests we need a system that combines laws with moral principles. The paper says we need a system that prioritizes values and ensures Artificial Intelligence benefits people. We must ensure that as technology improves we don't forget what's important to us, as humans. Artificial Intelligence must be controlled in a fair way so we can keep making progress without harming our basic values and laws. The Artificial Intelligence systems should be designed to make our lives better. We should make sure that Artificial Intelligence helps us not hurt us. The people who make Artificial Intelligence the companies that use Artificial Intelligence and the governments that regulate Artificial Intelligence all have a role to play in making sure Artificial Intelligence is used in a way.

KEYWORDS: *Ethics of Artificial Intelligence, Moral Philosophy, Legal Responsibility, Data Protection Laws, Privacy and Surveillance.*

1. Introduction

The arrival of Artificial Intelligence is a big deal in the world of technology and it is changing the way our society works [3]. Artificial Intelligence is being used in lots of areas like healthcare, finance and education [5]. From helping the police to making decisions about who gets a loan Artificial Intelligence is playing a role in our lives. Ideally Artificial Intelligence is supposed to help people make decisions by being more efficient and fair. However as Artificial Intelligence is being used more and more people are starting to worry about how it's being controlled and what kind of impact it is having on our lives. One of the problems with Artificial Intelligence is that it does not fit well with our current laws. Our laws are based on the idea that people're in charge and make decisions, not machines. But now that

Artificial Intelligence is making decisions it is not clear who is responsible when something goes wrong. Is it the person who made the Artificial Intelligence the person who is using it or the Artificial Intelligence itself? This is a tough question and it is not clear what the answer is. Artificial Intelligence also raises some moral questions. Sometimes Artificial Intelligence makes decisions that're not fair or transparent. This can be really frustrating for people who are affected by those decisions. Additionally if the data used to train Artificial Intelligence is biased then the decisions it makes will be biased too. This can lead to some unfair outcomes, especially for people who are already treated unfairly.

The difference between what's legal and what is moral is really important when it comes to Artificial Intelligence [4]. Just because something is legal does not mean it is moral. Just because something is not illegal does not mean it is okay. Artificial Intelligence is moving fast that our laws are not keeping up. This means that we need to think about what's moral and what is right even if it is not written down in a law. As Artificial Intelligence takes over more decisions people are starting to worry that we are losing control. If a machine makes a decision, who's responsible? Can we just blame the machine? This is a slippery slope and it could lead to a situation where no one is responsible for anything. That is why we need to think about how to make sure that Artificial Intelligence is used in a way that's fair and responsible. This paper is trying to figure out how law and morality work together in the world of Artificial Intelligence. It looks at the problems with our laws and how we can use moral principles to make sure that Artificial Intelligence is used in a way that is good for people. By thinking about things like accountability, transparency and fairness we can make sure that Artificial Intelligence is a tool that helps us than hurts us. Artificial Intelligence should be used to help people not to control them or treat them unfairly. We need to make sure that Artificial Intelligence is used in a way that respects people's rights and dignity. The use of Artificial Intelligence is an issue and it needs to be addressed. Artificial Intelligence is not a technical problem it is a moral and ethical problem. We need to think about how to use Artificial Intelligence in a way that's fair and responsible. This means that we need to think about the impact that Artificial Intelligence has on people's lives and we need to make sure that it is used in a way that respects their rights and dignity. Artificial Intelligence can be a powerful tool but it needs to be used carefully and with consideration for the people it affects. The relationship between law and morality is really important when it comes to Artificial Intelligence. Law and morality are not the thing and they do not always agree. When it comes to Artificial Intelligence we need to think about both law and morality. We need to think about what's legal and we need to think about what is moral. Artificial Intelligence is an issue and it needs to be addressed in a way that is fair and responsible. This means that we

need to think about the impact that Artificial Intelligence has on peoples lives and we need to make sure that it is used in a way that respects their rights and dignity.

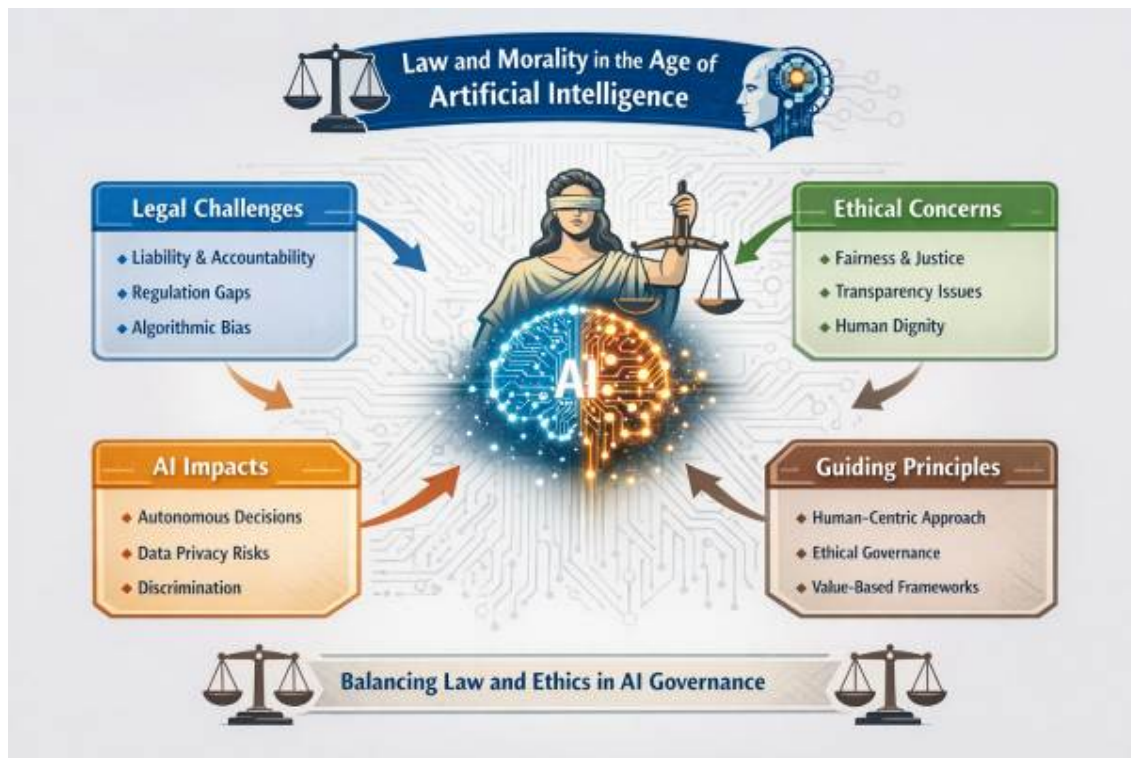


Fig 1. Law–Morality Interface in the Regulation of Artificial Intelligence.

Overall Artificial Intelligence is a big deal and it is changing the way our society works [3]. Artificial Intelligence is being used in lots of areas and it is having a big impact on peoples lives. We need to think about how to use Artificial Intelligence in a way that's fair and responsible and we need to make sure that it is used in a way that respects peoples rights and dignity [5]. Artificial Intelligence can be a powerful tool but it needs to be used carefully and with consideration, for the people it affects.

2. Literature Review

The relationship between law, morality and technology is something that people have been talking about for a time even before artificial intelligence came into the picture [6]. But now that artificial intelligence systems are becoming more and more independent and able to make decisions on their own this conversation has become more important. Some early legal scholars said that law is closely tied to actions and moral responsibility. However with the rise of intelligence this idea is being challenged because artificial intelligence systems are now doing things that used to be done by humans. Several studies show that artificial intelligence systems that make decisions have the potential to change the way we think about liability, accountability and intent and that we need to re-examine our legal frameworks. For example artificial intelligence systems can make decisions that affect peoples lives. It is not clear who is responsible when something goes wrong. Scholars who study the implications of artificial intelligence say that our current laws are not equipped to handle the complexities of artificial intelligence systems. Ryan Abbott says that artificial intelligence systems are acting more like humans but our legal systems still treat them like simple tools, which creates problems when someone gets hurt [14].

This has led to a lot of discussion about who should be held responsible when artificial intelligence systems cause harm [7]. The people who made them the people who use them the companies that sell them or the government. At the time many people are talking about the moral and ethical implications of artificial intelligence. Ethical scholars say that artificial intelligence systems are often not transparent and it is hard to understand how they make decisions that affect peoples lives. They also say that when artificial intelligence systems make decisions that're biased or discriminatory it is not just a technical problem but a moral one that reflects the biases and inequalities in our society. This shows that when artificial intelligence systems follow the law they can still violate basic moral principles like fairness, equality and respect for human dignity [15]. Many organizations and policy makers are emphasizing the importance of including values in the way we govern artificial intelligence. The European Commissions Ethics Guidelines for Trustworthy Artificial Intelligence say that we should prioritize oversight, transparency, accountability and fairness when it comes to artificial intelligence. These guidelines suggest that we should use considerations to guide the development and use of artificial intelligence systems especially in areas where the law is not clear. Many scholars think that this is a model for regulating artificial intelligence in a way that takes into account both legal and moral values.

Some scholars also say that morality is especially important when it comes to regulating technologies that are changing fast [8]. They say that artificial intelligence challenges our ideas about autonomy, responsibility and human control. If we do not consider values when we govern artificial intelligence we may end up with a system that prioritizes efficiency over justice and human well-being. That is why many scholars think that we need a human-centered approach to governing intelligence one that takes into account both legal norms and moral values. Overall it is clear that artificial intelligence poses challenges to both

our legal systems and our moral frameworks [14]. While law provides rules and accountability morality gives us a sense of what is right and wrong and helps us think about the impact of artificial intelligence on society. We need to find a way to combine law and morality so that artificial intelligence can be a force in our lives without undermining justice ethical responsibility and basic human rights. Artificial intelligence systems need to be aligned with both norms and moral values in order to ensure that they contribute to society in a positive way. The relationship, between law, morality and artificial intelligence is complex. We need to consider both legal and moral values when we think about how to govern artificial intelligence systems.

3. Research Methodology

The current research paper looks at the relationship between law and morality in the age of artificial intelligence. This study is mainly based on information from books, journals and online databases that focus on intelligence, legal responsibility and ethical governance [9]. The information is used to see how artificial intelligence challenges legal and moral frameworks in today's society. A method of research called method is used to look at existing laws that govern responsibility, transparency and accountability [10]. Since laws are usually based on decisions the fact that artificial intelligence systems are becoming more independent creates confusion about who is responsible for their actions. This research checks if current laws are enough to regulate intelligence or if new laws are needed to deal with the problems caused by artificial intelligence. The research also looks at the side of artificial intelligence. Artificial intelligence systems often work in ways that're not transparent which raises concerns about fairness, bias and privacy. These concerns may not always be against the law. They raise important questions about justice and human dignity [15]. The study uses ideas from ethics and moral philosophy to see if laws alone are enough to deal with the impact of intelligence on society. The study also uses ideas from fields like philosophy, ethics and technology studies. This helps to understand how morality and law work together especially when laws are not developed enough to deal with technologies. The research compares international guidelines on artificial intelligence especially those that emphasize transparency and accountability [11]. This comparison shows what works best and what principles can guide changes to laws.

The research does not use surveys or experiments because it is not trying to measure what people think or how well something works. Instead it looks at the questions about artificial intelligence. The goal is to show that to govern intelligence well we need a framework that combines law and morality. By looking at laws and moral principles the study tries to find a balanced approach that allows technology to move forward without hurting justice, ethics and human rights in the digital age. The research paper is about intelligence and how it affects law and morality. Artificial intelligence is a part of our lives now. The study looks at how artificial intelligence challenges legal and moral frameworks. Artificial intelligence is an issue. The research paper looks at the dimensions of artificial intelligence. It uses theories and moral philosophy to understand the impact of artificial intelligence on society. The study is important because it helps us understand how law and morality work together. It shows that we need a framework that combines law and morality to govern intelligence. This framework will help ensure that technology moves forward without hurting justice, ethics and human rights. The research paper is based on information from books, journals and online databases [9]. It uses a method of research to look at existing laws. The study also uses ideas from fields like philosophy, ethics and technology studies. The goal of the research paper is to find an approach to governing artificial intelligence. It wants to make sure that technology moves forward without hurting justice, ethics and human rights. The study is important because it helps us understand the relationship between law and morality in the age of artificial intelligence. The research paper looks at intelligence and its impact on society. It uses an critical analytical approach to explore the moral dimensions of artificial intelligence. The study is based on information from books, journals and online databases that focus on intelligence, legal responsibility and ethical governance [9]. The study is about intelligence and how it affects law and morality. It looks at the relationship between law and morality in the age of artificial intelligence. The research paper uses a method of research to look at existing laws that govern responsibility, transparency and accountability [10]. The research paper is important because it helps us understand how law and morality work together. It shows that we need a framework that combines law and morality to govern intelligence. This framework will help ensure that technology moves forward without hurting justice, ethics and human rights.



Fig 2: Research Methodology Framework for Law and Morality in the Age of Artificial Intelligence.

4. Result

The study shows that artificial intelligence is being used fast [2] in the decision making process and this is causing a lot of problems for the current legal systems [4]. The old laws that we have which are based on what people want and control are not good enough to deal with intelligence. This is because artificial intelligence can work on its own and make decisions without people being involved. So it is hard to say who is responsible when artificial intelligence does something like hurting someone or being unfair. The study also found out that just having laws is not enough to control intelligence especially when it comes to things like algorithms making decisions and machines running things. Artificial intelligence is also raising some questions about what is right and wrong.

For example people are worried about things like intelligence not being transparent being biased invading peoples privacy and taking away human dignity [13]. Even if artificial intelligence is following the law it can still go against what we think is fair and just. So the study says that we need to combine what is legal with what's morally right to make sure that artificial intelligence is used in a responsible way. This means that we need to make sure that artificial intelligence is used in a way that respects peoples rights is fair and is good, for society [15]. We need to make sure that artificial intelligence is used in a way that's responsible and that it does not hurt people. The study concludes that artificial intelligence needs to be regulated in a way that considers both legal and moral issues to ensure that it is used for the good of everyone.



Figure 3: Comparative Results of Law-Only and Law + Morality Approaches in Artificial Intelligence Governance

The study says that we need to govern intelligence in a better way. Artificial intelligence needs to be controlled by laws and morals that work together. We need laws that are based on values and these laws should be made with careful thought, about what is right and wrong. This will help make sure that artificial intelligence is fair protects our rights and helps society without forgetting about doing the right thing in the digital age. Artificial intelligence should be used in a way that promotes justice and serves the interests of society. This is what the study is saying about artificial intelligence.

5. Conclusion

The Artificial Intelligence or AI for short is changing things fast. This change is affecting how the law what is right and wrong and society work together. We did some research. Found out that AI can make things more efficient and accurate in many areas like the government, healthcare, police and courts. However AI also raises some questions about what is right and wrong and how the law should handle it. The old ways of thinking about the law are based on what people want and can control. Ai systems work differently. They use algorithms and data to make decisions.

This can cause problems. For example it can be hard to figure out who is responsible when something goes wrong or to make sure that the system is fair and transparent. The research shows that just having laws is not enough to deal with AI. We need to think about what's right and wrong and make sure that the laws are based on values like justice, dignity and equality.

The research also says that what is right and wrong is really important when it comes to AI. We need to make sure that AI systems are fair do not discriminate and respect peoples rights. If we do not think about what's right and wrong the laws might not work very well. They might just react to problems of trying to prevent them. We have seen problems like bias in algorithms, surveillance and privacy violations. These problems show that AI systems can cause harm if we do not make sure they are designed with people in mind. We need to work to make laws that can keep up with how fast AI is changing. This means that policymakers, lawyers, technologists, ethicists and everyone else needs to collaborate. We cannot just make laws because AI is always learning and changing. We need to focus on the principles

and values that guide the laws. The research also says that we need to work globally because AI is used everywhere but what is right and wrong can be different in different cultures. In the end the age of Artificial Intelligence is making us rethink how the law and what is wrong work together. We need to make sure that AI is designed with people in mind and that it prioritizes being responsible, accountable and good for society. This research says that the success of AI will not just be about how advanced the technology's but about how it can help people and make the world a better place. Artificial Intelligence should help us uphold justice and preserve what is right and wrong, in a world where machines are becoming more a part of our lives.

The study says that artificial intelligence governance is going to work if we combine law and morality. We need to make

sure that artificial intelligence does things for people and respects basic human rights. This means we have to create a system that is based on good values and ethical ideas. Artificial intelligence is changing the world so we need to make sure it is used in a way. People who make laws, lawyers, technology experts and ethics experts have to work to create rules that let artificial intelligence move forward while still being responsible. If we can combine law and morality in a way then artificial intelligence will be governed fairly. This is the way to make sure that artificial intelligence is fair that people are held accountable and that human dignity is respected in the digital age. We need to think about intelligence and how it will affect our lives.

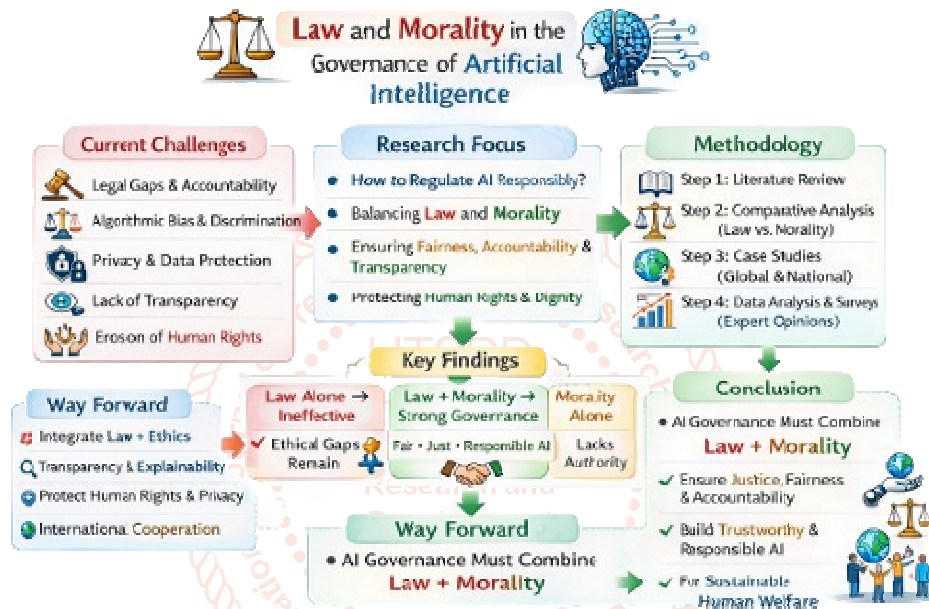


Figure 4: Conceptual Framework Showing the Integration of Law and Morality in Artificial Intelligence Governance.

The picture in Figure 5 shows how law, morality and artificial intelligence are all connected. It shows that just having laws is not enough to make sure artificial intelligence is used in a way. We also need to think about what's fair and right like being transparent and respecting people. The picture also shows that when we combine laws and ethics people are more likely to trust intelligence and it is better for everyone in the long run. On the hand if we do not consider what is right and wrong when making laws about artificial intelligence it can be used in bad ways and people will not trust it. So the picture helps us see that we need to balance law and morality to make intelligence systems that are good for people and that we can trust. Artificial intelligence systems need to be made with people, in mind and artificial intelligence needs to be trustworthy.

This study finds out that artificial intelligence needs to be controlled in a lot of ways. Artificial intelligence is not about technology it is also about how it affects people and the choices they make. Artificial intelligence systems are getting more and more involved in things like getting jobs being treated fairly and using services. If we do not make sure artificial intelligence is fair and moral it can lead to a lot of problems and people will not have much control, over their lives. The study says that we need to make sure artificial

intelligence laws are fair and think about what's right and wrong. This way artificial intelligence will be used in a way and will follow the rules of our country be democratic and make sure people are treated fairly. Artificial intelligence needs to be used in a way that's responsible and respects peoples basic human rights and artificial intelligence should always be used to help people.

The study also finds that how well artificial intelligence is governed in the future depends on regulation that's proactive and based on values not just reacting to problems with laws. Laws that are based on principles like accountability, transparency and fairness are better, at adapting to fast technological change. When we combine law and morality societies can encourage innovation while keeping trust and human dignity safe [15]. The research confirms that we can only develop AI if technological progress is guided by ethics and backed up by strong laws.

The study shows that artificial intelligence is changing the way we think about decisions made by humans and machines. Artificial intelligence is making it harder to know who is responsible when things go wrong. As artificial intelligence systems get more involved in making decisions that affect peoples lives we need to make sure that humans

are still in charge and that we are doing the thing. The research says that having morals is important because it stops us from relying too much on machines and makes sure that the law is fair and good for everyone. Artificial intelligence systems are getting more powerful. We need to remember what is important, to humans. We need to make sure that artificial intelligence systems are used in a way that's fair and just. Artificial intelligence is a part of our lives now and we need to think about how it is affecting us. We need to make sure that artificial intelligence systems are not making decisions that go against values and social justice. Artificial intelligence needs to be used in a way that helps humans and makes the world a better place.

Finally the research shows that people trusting intelligence is very important for it to be accepted and seen as legitimate in the long run. If artificial intelligence systems seem unclear, unfair or biased following laws will not be enough to gain trust. Adding values to the rules that govern artificial intelligence makes it clearer, more inclusive and more accountable to the people. The study confirms that making laws and morality work together is not a limitation on improving intelligence but a must-have for artificial intelligence to help society and ethics move forward. The study also says that artificial intelligence must be used in a way that aligns with our values. This way artificial intelligence can be a force for societal development and ethical progress through artificial intelligence. The integration of values into artificial intelligence governance frameworks is key. It enhances transparency promotes inclusivity and strengthens accountability, for artificial intelligence.

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