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LEGAL IMPLICATIONS AND AI

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Abstract

In all aspects of life, integrating artificial intelligence (AI) into the legal profession has emerged as a transformative force, reshaping various aspects of legal practice and challenging traditional methodologies. This doctrinal study delves deep into the profound impact of AI on the legal system, elucidating its role in augmenting human intelligence through sophisticated computer programs and algorithms. One of the most significant contributions of AI to the legal field lies in its ability to streamline and automate social tasks that were once time-consuming for legal professionals. Tasks such as drafting legal documents, conducting legal research, and analysing vast amounts of data can now be efficiently handled by AI-powered software, freeing up valuable time for lawyers to focus on more complex and strategic aspects of their work. This research also compares AI's superiority in terms of delicacy when setting precedents, and laying out possible arguments. This is because AI complements the human brain in these areas. Also, the research highlights the consequences of incorporating AI skills into the curriculum of law scholars at universities. Likewise, AI could potentially provide access to affordable legal services by leveraging AI technologies, legal practitioners can reduce costs, streamline processes, and provide more affordable and accessible services to a broader range of clients. The researchers urge that AI is no longer fiction but a flawless reality in its legal system usage. This doctrinal study article provides a clear understanding of AI's impact on the legal system.

Keywords: artificial intelligence, the legal profession, transformation, computer programs, drafting, data analysis, precedents, arguments, education, access to justice

1. Introduction:

The application of artificial intelligence (AI) is almost bringing about a critical shift in the way that law is ordinarily practised. It's only recently that systems based on large language models, such as GPT-3 and GPT-4, have become widely available. These systems can perform complex

writing and analysis tasks that previously required human intervention (Thomson Reuters Foundation, 2023). Although there is a long history of technology-driven changes in the way lawyers work, it's only recently that these systems have become widely accessible. Law practices that effectively embrace new artificial intelligence technology will be able to offer their services at lower costs, with higher efficiency, and a greater likelihood of successful outcomes in legal proceedings. Failing to adopt artificial intelligence technologies could result in law firms losing clients, as well as their ability to recruit and retain talent. They will also become unable to maintain cost competitiveness (Chambers Goodman, 2019).

2. Litigation considerations one of the time-consuming jobs

The process includes searching through a vast collection of papers that were created during the discovery process to identify their structure, noteworthiness, and essential data. The use of artificial intelligence will significantly speed up this process. AI is competent at performing tasks that would normally take weeks to complete in a matter of seconds. It can also consider the writing of motions to submit to a court. According to Dabass and Singh Dabass (2018), artificial intelligence can be utilized to write to begin with drafts in a relatively short amount of time, citing relevant case laws, putting forth agreements, and responding to arguments presented by opposing attorneys. In spite of the fact that the final manuscript will still require human input, the process will be significantly sped up by the use of artificial intelligence. When it comes to making the most of artificial intelligence tools, attorneys will require to do much more than simply press a button. As a result of the fact that artificial intelligence is most effective when it is used to complement human abilities, individuals who learn how to effectively use this collaboration will be able to derive the most noteworthy esteem from the tools that incorporate AI (Mayers, 2023).

3. AI training is essential

This will require the acquisition of new skills, such as the ability to select the appropriate artificial intelligence tool for a task, to craft effective queries, to evaluate the relevance, quality, and accuracy of the results, and to be able to combine the various results into a coherent and actionable picture. It will also be necessary for solicitors to exercise vigilance in order to guarantee that any use of artificial intelligence tools is carried out with the appropriate level of attention (GARY E. FORD, 2017). The application of artificial intelligence in the legal realm is not without risk; it does have risk, and lawyers need to have a comprehensive understanding of how to effectively

use it in order to reduce risks such as vulnerable cyberattacks, data protection, unethical usage, and other risks. Law firms will need to implement new training in order for practising solicitors to be able to adjust to this new environment. Students should be taught how to use writing and research tools for artificial intelligence (AI), as these skills will be highly valued by employers. Law schools should modify their curricula to ensure that they teach students how to use these tools.

4. The cost-reduction potential of AI

The use of artificial intelligence has the potential to significantly expand access to legal services, which are currently out of reach for a large number of individuals and small businesses due to the high cost of these services. In a statement released by the Centre for American Progress, it was stated that the promotion of equal and meaningful access to legal representation within the United States justice system is essential to the successful elimination of poverty, the fight against discrimination, and the creation of opportunities. As a result of artificial intelligence, litigation will become significantly more affordable. An example of this would be the ability to automatically and with just one click create a lawsuit against Robocallers that is one thousand words long. In general, it will take more than one click to create a complaint that is well written; however, there are some instances in which it will not take much more than that. As a result of these reforms, the process of providing legal services to clients with lower incomes will now be significantly less complicated overall.

Technologies that utilise artificial intelligence would be able to handle legal tasks in a more effective and efficient manner. The expenses associated with the production of printed documents will also decrease. In addition to this, it would make financial and spatial savings.

5. Not an alternative to the human brain, AI

Even if artificial intelligence is widely used, it will never be able to replace the human brain, which means that lawyers will continue to be important. Artificial intelligence is not capable of convincing a jury with a compelling argument. Technology cannot be used to fully weigh the numerous, minor, and major strategic decisions that are made throughout the course of any legal action. These decisions can be made at any point in the process. It is not possible for it to replace the human element that is present in the client relationship. Furthermore, according to Gary E. Merchant (2017), a machine is not capable of motivating a group of lawyers to attain their highest

possible level of performance.

These opportunities will create an environment that is conducive to the establishment of new legal technology businesses. One example pertains to case text, which recently introduced Co-counsel, an artificial intelligence-based legal assistant. This topic was brought up in an episode of MSNBC's Morning Joe that aired in the beginning of March. The technology that Powers Co-counsel comes from OpenAI, the same company that was responsible for the creation of ChatGPT. (Chambers Goodman, 2019) Case text is a component of what is certain to develop into an ecosystem of legal technology companies that will provide artificial intelligence products that are built on extensive language models. This ecosystem is expected to see rapid expansion.

6. The legislators' AI requirement

There are additional opportunities to use artificial intelligence to provide legal services in a manner that is more fully automated. It will be necessary to make modifications to the legal and legislative frameworks in order to foster innovation in this aspect of the industry. This will also make it possible to identify and eliminate any risks that are associated with the situation. In the process of regulation, it would be a mistake to make use of the remarkable advancements in computer-based intelligence in order to reduce the significance of the human component. With that being said, it would be just as significant a mistake to excuse the work of computer-based intelligence, which will generally reshape the landscape for both the providers and the customers of legal administrations.

The cutting-edge technology that is used in the legal theatre is now the main attraction, rather than the supporting actor. As a result of artificial intelligence, which has evolved into a full-fledged revolution, the legal industry is now able to analyse documents at the speed of light, predict the outcomes of cases, and eliminate the importance of paper documentation.

7. Not a fiction, AI is a reality

It is time to embrace the limitless potential of artificial intelligence, regardless of whether you are a seasoned lawyer with hundreds of won cases under your belt or a recent graduate who wants to start using the newest technology right away. The concept of artificial intelligence is no longer associated with science fiction; rather, it is now a reality. The world is on the verge of undergoing

a revolution that will have a significant impact on a number of different domains (AI-Driven Contract Analysis in Perspective and in Practice, 2020). This revolution will be brought about by the utilisation of artificial intelligence and machine learning. There have already been notable deployments of them in the areas of security and surveillance, finance, health care, transportation, education, and the financial sector. The decision-making process, risk management, business practices, and overall system performance have all been significantly influenced as a result of these deployment scenarios. Artificial intelligence is making rapid strides, as evidenced by the rapid development of self-driving cars, Alexa, and other virtual assistant programmes. A computer scientist from the United States named John McCarthy first used the term "artificial intelligence" in the year 1956. Artificial Intelligence (AI) is a subfield of computer science that focuses on the simulation of intelligent behaviour in computers. According to Merriam-Webster, AI is characterised by the presence of robots that exhibit artificial intelligence.

8. AI, a new advancement in the legal world

The use of artificial intelligence has had an impact on every sector of the professional workforce, including the legal profession for illustration. Software has significantly supplanted the need for data administration and paperwork. Around the world, the legal industry is rapidly expanding and utilising cutting-edge technology everywhere it goes. All services, with the exception of those that are dependent on knowledge and judgement, are susceptible to being replaced by technological advancements. According to the professional services firm Deloitte, there's a significant possibility that more than one hundred thousand jobs in the legal sector will be automated within the next twenty years (GARY E. MARCHANT, 2017).

As a result of the availability of numerous pieces of software that are capable of performing the laborious and repetitive tasks that are presently performed by attorneys, artificial intelligence is gaining traction in the legal industry. Artificial intelligence provides assistance to attorneys with routine tasks that require a significant quantum of time. This enables attorneys to concentrate on more significant matters while simultaneously saving them time.

Confirming the facts is something that the attorneys are expected to do on behalf of their clients. And this is based on the information that they give to their clients regarding what they ought to do or how they ought to proceed with the case.



Source: <https://www.appletechsoft.com/how-ai-machine-learning-are-transforming-the-legal-industry/>

9. The impact of AI on legal concerns

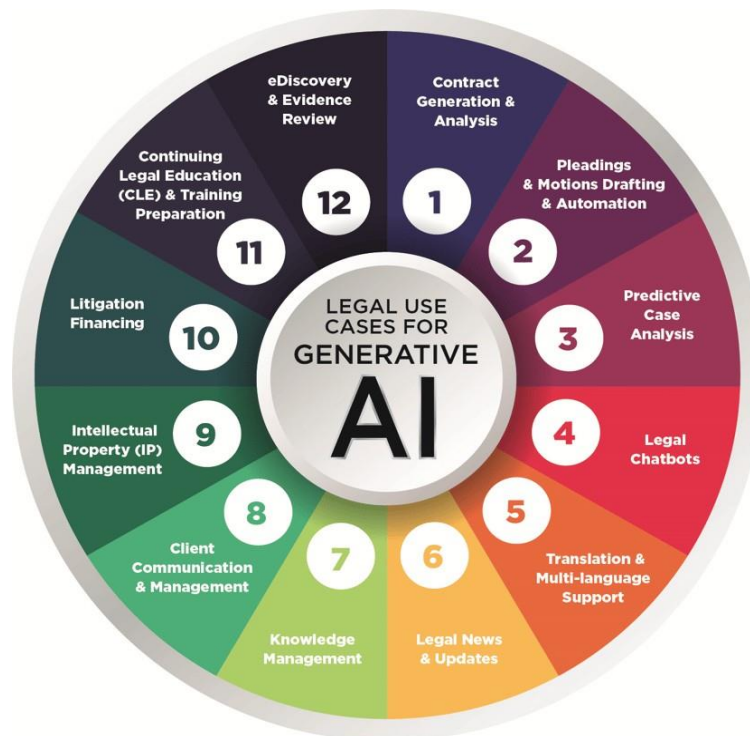
Over the course of time, the laborious process of conducting due diligence will unquestionably result in fruitful outcomes. It is possible to complete the same task in a shorter amount of time with the assistance of an artificial intelligence system. An artificial intelligence system will thoroughly verify the information and take into consideration any previous decisions that have been made in similar situations.

This makes it easier for them to provide appropriate counselling to their clients.

The use of technology that utilises artificial intelligence can be of assistance to the attorney in providing answers to questions of this nature. It is also capable of predicting the results.

Furthermore, it evaluates previous decisions that the judge has made in the same cases in the past. In order to examine and evaluate the documents contained in a file, time is required.

When lawyers examine the records, the effectiveness of the software that uses artificial intelligence is increased because it arranges the documents in the correct order. The documents that are deemed to be of high risk are highlighted by software that utilizes artificial intelligence.



Source: <https://ediscoverytoday.com/2023/11/08/12-legal-use-cases-for-generative-ai-infographic-legal-tech-trends/amp/>

10. AI, mitigates risk elements

Not only does software that incorporates artificial intelligence help with the evaluation of case files, but it also provides assistance with the contracts that companies sign. Examining the contracts that their clients sign constitutes the vast majority of the work that law firms are responsible for. According to Dabass and Singh Dabass (2018), they identify potential risks or issues with the contract and then modify the pertinent terms in accordance with the specific request made by their client.

The construction of contracts: Software that is based on artificial intelligence provides assistance to businesses in the process of constructing conventional and usual legal contracts. Creating templates that can later be customised to meet the requirements of the client is made easier with the assistance of software that makes use of artificial intelligence (MATTHEW OLIVER, 2021).

An application for a patent is submitted by intellectual property attorneys who spend the majority of their time analysing massive amounts of intellectual property in order to gain access to the available content. Filing a patent application is a task that is both time-consuming and laborious. During the process of filing a patent application, it was necessary to review hundreds of various

papers.

That which the software is able to complete in a shorter amount of time. The formatting, preparation, and review of the patent application are all accomplished with the assistance of artificial intelligence.

There are a great deal of legal concerns regarding artificial intelligence all over the world. In order to generate a great deal of information, algorithms that use artificial intelligence make use of large amounts of data. Data laws around the world are constantly evolving. Several legal challenges have surfaced in the United States of America between the government and businesses involved in the technological sector. As time goes on and software continues to advance, it is likely that these legal challenges will become even more difficult to deal with.

The company Amazon Inc. has been served with search warrants in order to provide information regarding a murder investigation that involves an Echo device that is powered by artificial intelligence. One of the many laws that are pertinent to artificial intelligence is the data privacy rules. There are many other laws as well.

11. The legal sector of India

A significant amount of labour has always been required by the Indian legal system. There is still a lack of awareness among the people in India regarding the effects of artificial intelligence, particularly in areas such as the legal system. During the year 2017, Cyril Amarch and Mangaldas, a Canadian company that specialises in the development of software for machine learning, became the first law firm to enter into a contract with Kira Systems. In order to improve the efficiency and precision of the firm's legal services delivery model, it was taken into consideration and implemented in his practice. As a consequence of the Supreme Court of India's decision to digitise its records, an increasing number of law firms in India have begun to implement artificial intelligence. (Agrawal, 2021) These law firms would represent a departure from the conventional legal businesses that are currently operating in India.

12. Involvement of AI in client treatment

The incorporation of artificial intelligence into the legal sector would result in a change in the manner in which clients are currently handled in the future. With the assistance of artificial

intelligence, the legal industries would investigate how they interact with their customers.

With the help of artificial intelligence, legal firms would also modify their existing pricing strategy and switch to a pricing model that is based on performance for the benefit of their customers: Despite the fact that the level of competition among the legal industries has been rapidly increasing, legal businesses typically concentrate on increasing their income. This shift in emphasis from sales to maximum profit has occurred. Chambers Goodman (2019) suggests that in the future, the primary focus of the legal industry will be on maximising profits rather than income.

The introduction of computerization in the process of contract drafting will result in the development of new legal technology, which will raise the bar for attorneys. In law firms, there is still a lack of AI literacy, which is the reason why innovation is not widely used. Programming for artificial intelligence will lead to an increase in productivity in legal offices. It is possible that the costs will decrease while the maximum benefits will increase. Because of the importance placed on brand value, legal firms are required to prioritise their clients.

Branding would be a top priority for law firms of the future. It would give funding for innovative solutions and the advancement of an important industry at work the highest priority.

13. Insights of AI as to clients

There is no way that artificial intelligence could ever take the place of a lawyer. If artificial intelligence were to be implemented in the legal industry, attorney professionals are uncertain as to whether or not it would be able to take their place. In the legal industry, solutions based on artificial intelligence would increase both the productivity and efficiency of legal firms and lawyers. The employment of a lawyer will never be threatened by software that is based on artificial intelligence; however, software that is based on intelligent automation is improving the veracity and accuracy of research and analysis that is focused on producing results. The amount of work that a lawyer has to do can be reduced by using software that is powered by artificial intelligence. In addition to this, it can help legal firms and solicitors provide better advice that is centred on the client.

It takes a significant amount of time to settle legal disputes in India. With the implementation of

artificial intelligence and technology, the rate at which cases are handled can be accelerated. Those who are involved in the case, such as the attorney and the judges, have the ability to save time. Attorneys might be able to concentrate their work more on the particulars of their cases with the assistance of tools powered by artificial intelligence. Because of the fact that this programme will resolve the cases, solicitors will no longer have to be concerned about the routine and repetitive work that they do.

14. Conclusion

AI is bringing about significant changes in the legal industry in a variety of ways. Utilising technologies that are powered by artificial intelligence cannot only increase efficiency but also speed up and improve the accuracy of legal analysis. The use of artificial intelligence in the legal system, on the other hand, raises significant ethical concerns, particularly with regard to bias and the displacement of employment.

The very application of artificial intelligence to the legal industry would completely transform it because it would make it possible to provide justice that is both prompt and accurate. In order for lawyers to have a solid foundation for the appropriate application of artificial intelligence in the industry, there should be a strong foundation of AI included in the curriculum of lawyers. It would be a blessing not only for the industry, but also for the nation as a whole, because a just nation is the foundation of all of its advancements. The introduction of artificial intelligence would be a blessing.

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