

LEGALFOXES LAW TIMES

ARTIFICIAL INTELLIGENCE WHICH CAN BE INTRODUCED IN THE LEGAL PROFESSION

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I. INTRODUCTION

People always look for new ways to perform different tasks easily with minimal efforts which results in the development of new technologies, one of which is the technology of Artificial Intelligence (AI). John McCarthy, an American computer scientist coined the term Artificial Intelligence in 1956. In simple terms, Artificial Intelligence can be understood as a technology that can behave, respond and act like human beings and may also replace human species in different works, like driving, delivering packages etc.

There is no doubt about the fact that Artificial intelligence has shaped and transformed every sector be it professional or non-professional and the legal profession is no exception. Not only the recent advancements in software solution replacing paperwork and data management, the legal sector is also becoming consumer-centric. After 1991, due to globalization the legal industry has undergone continuous growth and rapid technology advancements.

Although AI has received much attention but in the legal industry, it is still at an infant and developing stage which makes it open for both great opportunities and severe challenges.

II. HOW ARE LEGAL PROFESSIONALS USING ARTIFICIAL INTELLIGENCE?

Legal fraternity are already using AI to do things like research, collect data, reviewing documents during litigation and due diligence. AI is also helping lawyers to analyzing contracts to determine whether they meet pre-determined criteria, performing legal research, and predicting case outcomes.

III. ARTIFICIAL INTELLIGENCE AND ITS USES IN LEGAL PROFESSION

Artificial intelligence (AI) is making its ways into the legal industry and there are a number of software applications that are available in the markets which can replace the tiresome and tedious work done by the lawyers. Artificial intelligence helps the legal professionals in the daily and repetitive jobs which certainly saves their time and further help them focus on important tasks.

IV. ARTIFICIAL INTELLIGENCE AND LEGAL RESEARCH

A legal professional be it lawyer or a law student spends a lot of time doing legal research. It takes days and years for a law student to learn how to do legal research, how to find the correct statute and the applicable precedent which could help them support their argument and clear their understanding of the law. Almost all legal firms or companies carrying business related to law appoints paralegals or legal interns for doing the legal research work. Specific and accurate research plays a very important role in supporting the arguments and winning the legal matters in court. Recent advancements and the development of Artificial intelligence software is an aid to the law students and lawyers in this particular field. There are various software available in the market which help the law student or the lawyer to find relevant matter along with applicable precedent and statutes regarding their legal research. The evolution in the field of Artificial intelligence software also helps legal fraternity to understand difficult and complex issues which can be answered in basic and simple words using such software's.

V. ARTIFICIAL INTELLIGENCE AND DUE DILIGENCE

In the legal arena the lawyers or the law firms are supposed to do a very basic and primary task of confirming the figures, facts, circumstances and situations on behalf of clients with respect to any legal matter or an issue.

Only on the basis of this data and information the lawyers or the law firms tell the clients as to what they are supposed to do or how they can initiate the further proceedings regarding the case.

The process of due diligence is a tedious, exhausting and time-consuming procedure. While on the other hand Artificial intelligence system helps to do the same task but in more sorted and faster way. Artificial intelligence helps the legal fraternity to go through the facts and the figures in the most efficient way. Such advancements are making it possible for teams working in the legal profession to sort through plethora of information faster and quick, freeing up manual labor, saving time, reducing costs and improving due diligence quality. Moreover, the Artificial intelligence finds and evaluates the previous decisions given in the similar circumstances and issues, which helps in providing an adequate counselling and advice to the clients.

VI. ARTIFICIAL INTELLIGENCE USED FOR REVIEWING DOCUMENTS AND CONTRACTS

As per the research by certain agencies the AI can analyze the contract and review the paper work and flag them as particular and relevant to a case. In today's era many law firms takes help from Artificial Intelligence software in drafting contracts and legal notices. Once the document is flagged as important and relevant, the algorithms automatically get to work to look for documents that are similar to the issue and case. Artificial Intelligence software helps legal firms in generating standard templates which can be later modified and customized as per the requirements of clients. This process makes the work of the lawyer easier. Moreover, the Artificial intelligence helps in the process of contract revision by highlighting the most relevant clauses for different cases.

VII. ARTIFICIAL INTELLIGENCE USED TO PREDICT LEGAL OUTCOMES

It is more often heard that whenever a client approached the legal counsel for any legal issue or dispute the first question asked by the client is what are the changes that this case will go in favor of us? or what are the chances of winning?

For situations like these AI algorithms helps the law firms or the legal fraternity in answering such questions. Artificial Intelligence has the ability to store years' worth of data, documents and the legal procedure which can tell lawyers their chances of winning their client's case. It basically forecasts the result based on algorithms. Such algorithmsevaluates prior decisions or the precedents set by the court in similar cases. Artificial Intelligence is able to handle many

humdrum tasks, which empowers the law firms or lawyers to spend more time on client's legal issue and court visits.

VIII. IMPACT OF ARTIFICIAL INTELLIGENCE ON INDIAN LEGAL INDUSTRY

Legal industry in India has not been much open to the technological changes. The reason why the legal industry is not too much adaptable to the technological development is because of the working pattern and principles that has been followed over the years. The point of an inaccessible and cost also plays its role when it comes to the fact that why the legal industry is not so adaptable to the AI. Legal system in India has always been labor intensive. However, law firms in India are starting to adapt the AI technologies such as Kira Systems. Kira Systems is a Canadian based software provider, to improve the efficiency, speed and accuracy of the law firm's for providing legal services and doing legal research.

The Apex court of India with the spread of Digital India, has for the first time digitized its data and records which certainly has resulted into an adoption of AI technology by more top tier law firms as Artificial Intelligence uses the online information available.

IX. THE POSITION OF ARTIFICIAL INTELLIGENCE IN INDIA

As of now, there are no specified laws or regulations that govern the area of artificial intelligence in India. Although, we all know that India is a developing country and making fast progress regarding technology, the scientists and technological department are yet to discover full potential, its uses and utilization of this software.

Artificial Intelligence Association of India (AIAI) is one of an independent bodies founded in the year 2009 which exist with an aim to research, collect data and create machinery underlying the thought of intelligent behavior and their embodiment in machines. Certain innovations done by the various bodies and departments dealing with such kind of software are yet to be implemented with this technique. Network Traffic Analysis Software (NETRA) is a software developed by the Centre for Artificial Intelligence and Robotics, which is a branch of DRDO. NETRA is currently being used by Research and Analysis Wing, Intelligence Bureau, state-level law enforcement

agencies and is piloted by Ministry of Home Affairs. We need to realize the true potential and capability of the Artificial Intelligence technology in India. AI must be implemented through judiciously in different fields like education, defense, sports, etc.

X. CONCLUSION

The recent technological developments in the legal arena has changed its structure and bodywork in which it operates. It is really difficult to imagine the future of the legal industry without thinking about the Artificial Intelligence software which are evolving in the country. The legal industry has come a long way and in today's time the legal information is just a click away and even the research is done through using online software available. Legal professionals or top tier law firms are taking help of these Artificial Intelligence software to review the case files and for drafting the legal documents. The Artificial Intelligence has benefited and turned out to be very useful to the legal professionals and law firms be it small or big by providing them with relevant data, details and resources. To win any argument before the jury legal research is the most important part and because of the technological advancements, it has undergone a series of development. The legal technological innovation has changed the way how legal services were rendered and given.

The advancements in the technology is to help the legal professionals, law firms and the users to do their respective work more efficiently and in a quick manner, but this does not mean that technology is going to replace the legal professionals or their judgement or the experience they hold.