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European Journal of Applied Engineering and Scientific Research, 2021, Volume 9 issue 3

ISSN: 2278-0041

# Legal profession, artificial intelligence and robotics: an ease of delivering legal services across the globe.

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***Statement of the problem:***

*In Corporate transactions, Attorneys spend hours searching online data rooms, reviewing company documents, contracts and other vital information which is time consuming and defeats the tasks of meeting deadlines. There has been difficulty, in speed-reading, vetting for errors, issue spotting based on particular words and phrases in contract agreements. The purpose of this study is to examine the relevance of artificial intelligence in delivery of legal services by lawyers, law firms, as well as its relevance in the administration of justice in international courts.*

***Methodology and Theoretical orientation:***

*Both doctrinal methodology approach and also a geographical study of the legal market was utilized to focus on the rate and quality of legal service delivery and professionalism across firms all over major parts of the globe.*

***Findings:*** *In a recent US study carried out in 2018,it was discovered that human lawyers achieved an average accuracy of 85% in an average time of 92 minutes. However, in comparison to the AI, the success rate was at astonishing 92% with a record-breaking time of just 26 seconds. Conclusion and significance: artificial intelligence is changing quickly the legal industry and practice of law all over the world on how lawyers practice will operate in the future, given that employment and application of AI is an indispensable aid in technology, which every lawyer cannot ignore to be relevant in this 21st century. Recommendations are made for corporate and commercial law firms, international court of justice and international arbitration centers to employ artificial intelligence lawyer (software) called ROSS to help them analyze legal issues and make corrections that ordinarily would be invisible.*

*The ROSS Intelligence tool is a man-made intelligence (AI) platform supporting legal research activities. Built on ROSS Intelligence's proprietary legal AI framework, Legal Cortex, combined with technologies like IBM Watson's cognitive computing technology, ROSS uses tongue processing and machine learning capabilities to spot legal authorities relevant to particular questions. Users conduct searches by entering questions in plain language, rather than by complex search strings.*

*ROSS's cognitive computing and semantic analysis capabilities permit the tool to know the intent of the question asked and identify answers "in context" within the searched authorities. ROSS Intelligence positions its platform as a case law research supplement to traditional Boolean search and tongue parsing approaches employed by electronic legal research tools. during this context, ROSS promises to supply increased research output quality (by collecting the most relevant authorities among its initial*

Note: This work is partly presented at Webinar on AI & Robotics (February 26, 2021 Dubai, UAE)

*returned results) also as a resulting improvement within the efficient execution of legal research activities in comparison to the utilization of traditional tools alone*

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