



Scaling Humans with Artificial Intelligence (Shai) Enhance Contract Analysis and Review with AI

Contracts and legal documents can be very complex and lengthy, and a lot can weigh on the content. An established legal review process ensures that the parties of a contract are protected and the intent of the content is understood and within the constructs of law. Historically, legal teams and subject matter experts have reviewed these documents, provided insight and made recommendations for changes. Limiting factors such as human accuracy and scale prevent consistent, quick results. However, contract analysis can be enhanced through the use of artificial intelligence (AI). Technologies such as document clustering, natural language processing (NLP) and machine learning (ML) create advances in contract analysis and review, resulting in major benefits and value for organizations ready to embrace the irreversible momentum AI has to offer.

Understanding the phrasing and word usage within a contract and mapping a learning model to the content can provide gains in contract analysis over time. As the AI model is trained, the human counterparts, such as paralegals and analysts, can be leveraged to add new knowledge or precedents to the AI engine.

Benefits to pairing AI with the legal / contracts team include:



- **Increased accuracy and speed** – AI can remove the error-prone areas from contract analysis to ensure results are consistent and accurate. At the same time, contracts reviewed by AI can move faster and be processed 24 hours a day, 7 days a week, 365 days a year with pinpoint accuracy.



- **Scalable multipurpose training** – Not only can AI be leveraged for contract analysis, but models can be trained to also include lease abstraction, merger and acquisition due diligence, general compliance and additional legal review to provide a secure, actionable and integrated solution.



- **Multilingual capabilities** – Enhancing a legal review AI solution with multilingual capabilities provides the ability to serve a larger client base and handle document processing and review in native legal language.

NCI's AI Solution, Shai, provides product and services for contract and document analysis to make your team more accurate and faster with sustainable results. Shai's contract analysis capabilities are scalable and can be tailored for lease review, non-disclosure agreement processing and contract analysis to augment any workforce with the power of AI.

To schedule a demo please contact:

- ✉ getshai@nciinc.com
- ☎ 1-703-707-6900



AI in Action

Contract analysis powered by AI is not future fiction. Legal review enhanced by technology is now a reality. For instance, a recent study placed AI against 20 highly-trained lawyers to review non-disclosure agreements for risks. Each lawyer was given five NDAs and four hours to study the contracts. The lawyers took an average of 92 minutes to complete the task and achieved an accuracy level of 85 percent. However, AI only took 26 seconds to review all five contracts and was 94 percent accurate.*

Reference: TECHSPOT 10/2018 - <https://www.techspot.com/news/77189-machine-learning-algorithm-beats-20-lawyers-nda-legal.html>