

AI REVOLUTION IN LAW

IS IT REALLY THAT CLOSE?

We are witnessing the rise of AI, and along with it, a series of changes, concerns, and expectations.



Table of Content

- + about me
- + the implications of AI
- + the limitation of AI
- + the solution
- + closing



- + SANAP & CO. LAW FIRM
- + LEGALING
- + FBE NEW TECHNOLOGIES COMMISSION
- + TURKISH UNION OF BARS ASSOCIATION CAREER CENTRE
- + Two BACHELOR'S AND TWO MASTER'S DEGREES

About me



Cem Şanap, MBA, LL.M

Attorney at Law

04

■ AI hits the legal realm

Increasing concerns about how AI might disrupt the practice of law



IMF stating that 40% of all jobs in the world could be affected by AI

Many futurists and researchers are setting timelines as short as five years

Disruption



LSAC

<https://www.lsac.org/blog/law-will-be-unrecognizab...>

Law Will Be Unrecognizable in Five Years Due to AI ...

Jan 4, 2024 — **Law Will Be Unrecognizable in Five Years Due to AI** Disruption | The Law School Admission Council.



LinkedIn · Prabhjot Singh

20+ reactions · 4 months ago

Here's Why the Legal Sector Is Next in Line for Mass AI ...

Indeed, a recent study of London law firms by CBRE revealed that **almost half (48%) are already using AI**, while according to Deloitte, 100,000 .



The New York Times

<https://www.nytimes.com/2023/04/10/technology>

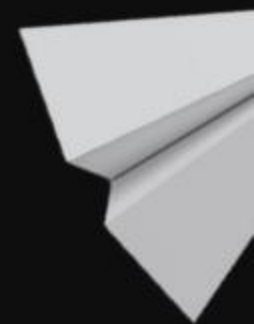
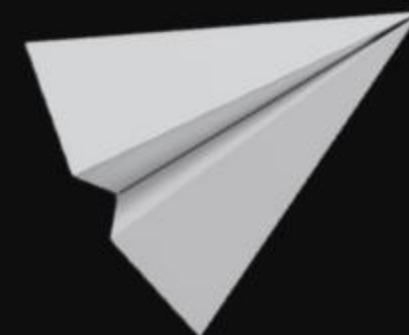
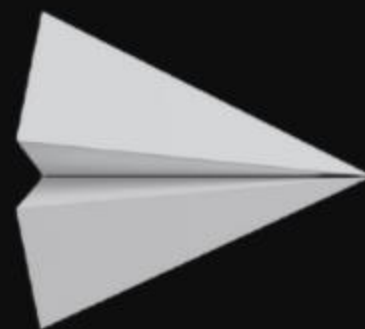
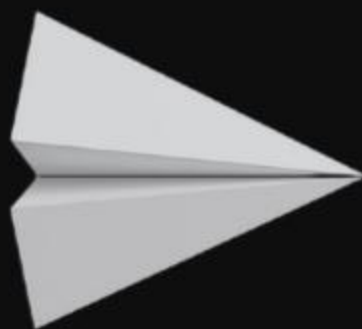
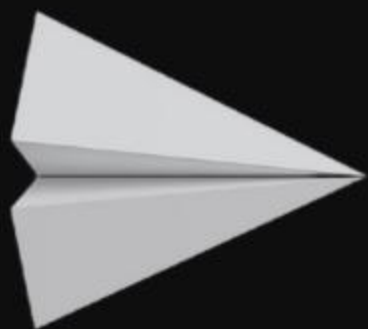
A.I. Is Coming for Lawyers, Again

Apr 10, 2023 — New **A.I. technology will change the practice of law**, and some jobs will be eliminated, but it also promises to make lawyers and paralegals ...



Is it really that close?

The Question





Training of AI Language Models

GPT, BERT, Transformer-XL, XLNet, RoBERTa and others

AI Models

Big Data and Large Statistical Models

More of a particular type of data, the more likely of that data to be present in the outputs

06



Bias in Favor of
Common Law

Common Law Bias

There is a significant bias in favor of the procedural and substantial rules of Anglo-American Law

Especially in the absence of specific cues from the nature of the text, the models will propagate the cycle of being Common Law biased and may even amalgamate the rules of different systems

Substantial
Law

07

Amalgamation of
Different Systems





Language



English Language Bias

Given the prevalence of resources in English, the models tend to think and respond in English

This means using/creating terms that are not actually present in the other language via often a verbatim translation

blackletter law – loi lettre noire

Localization Needs and Financial Limitations

The data may be segregated.

The models may be localized

The financial gains are limited

4/1369 Unicorns – No Europe-based



099

Limitations



Solution



10

- Government Subsidization



Thanks

11
Thank you!

Contact Me

+90 531 707 38 94

cem@sanap.co

www.sanap.co