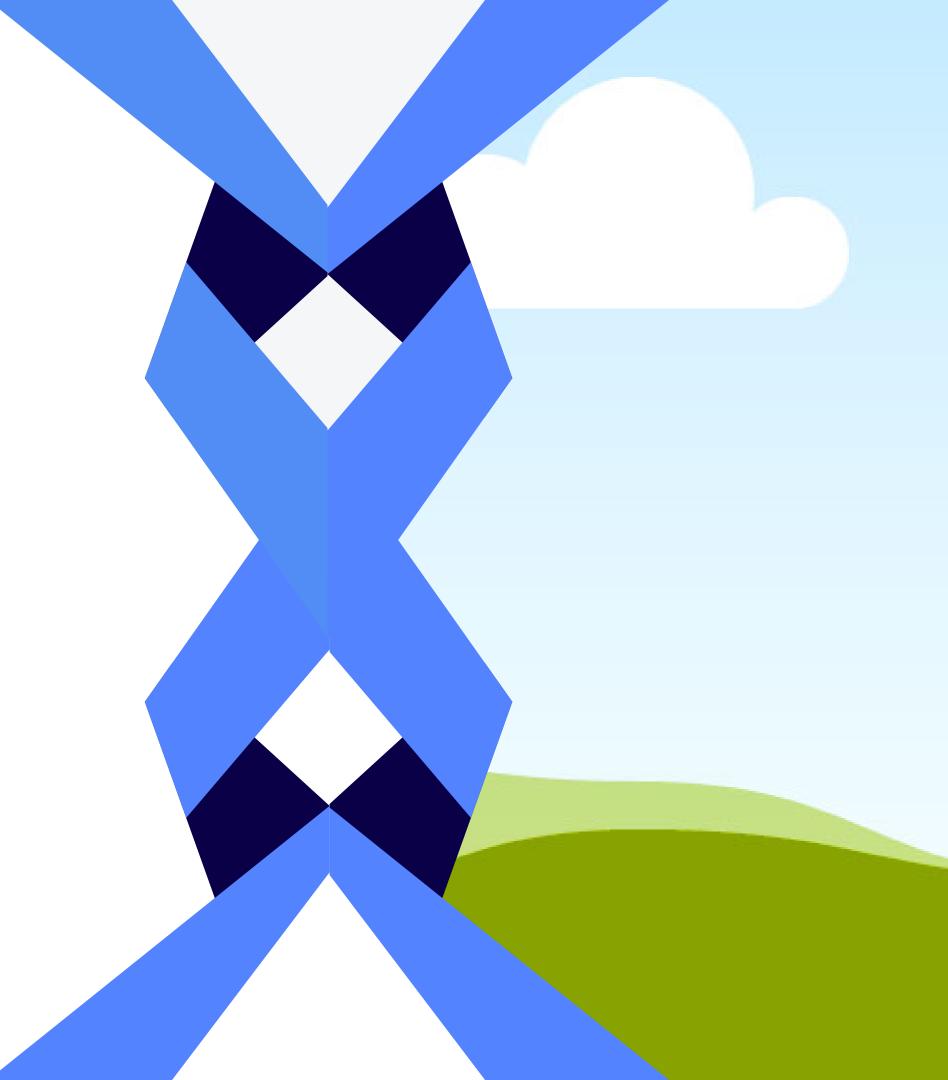


# REGULATIONS ON ARTIFICIAL INTELLIGENCE

By Hayden King and Amna Ahmed



## Al Regulatory Framework:

A developing set of rules which set the boundries of AI usage, development and data collection.

#### UNACCEPTABLE RISK Social scoring, facial recognition, dark pattern Al, manipulation **HIGH RISK** Transportation systems, safety, employment, education access, border control, justice systems LIMITED RISK Al systems with specific transparency requirements such as chatbots, emotion recognition systems MINIMAL RISK Al enabled videogames, spam filters

**Ethical Guidelines:** governs the protection of human rights to privacy and data collection.

Transparency and Reliability: ensures Al operations are understandable to the users and prevent unintended harm.

Acountability and Compliance: holds the Al developers and consumers responsible for mitigating any negative effects of Al usage.

## Regulatory Framework: Automation

Set of regulations, guidelines, and policies which govern Al

## Potential impact of AI regulation on companies

#### Impact

- Increased complexity of doing business
- Increased compliance costs
- Need for ongoing guidance from AI law specialists to assure compliance in the workplace and interactions with customers
- Need to understand how old laws apply to new algorithms
- Need to engage trustworthy and Al-certified vendors to meet legal requirements
- A clamp down from the FTC on exaggerated claims for enterprise AI

#### Factors that will help companies fare well

- Staying focused on their missions
- Embracing AI with clear eyes and without being seduced by the hype
- Sourcing high-quality legal advice and effectively implementing it



CONTROVERS AL FRANCISCO DE DEDICOS

Adhering to everchanging compliance and safety standards as well as current automation legislations.

Adressing concerns of labor and employment laws.

Protecting the data and security of users through automated systems and strict enforcement of ethical standards.

## Copyright Law and Al Training

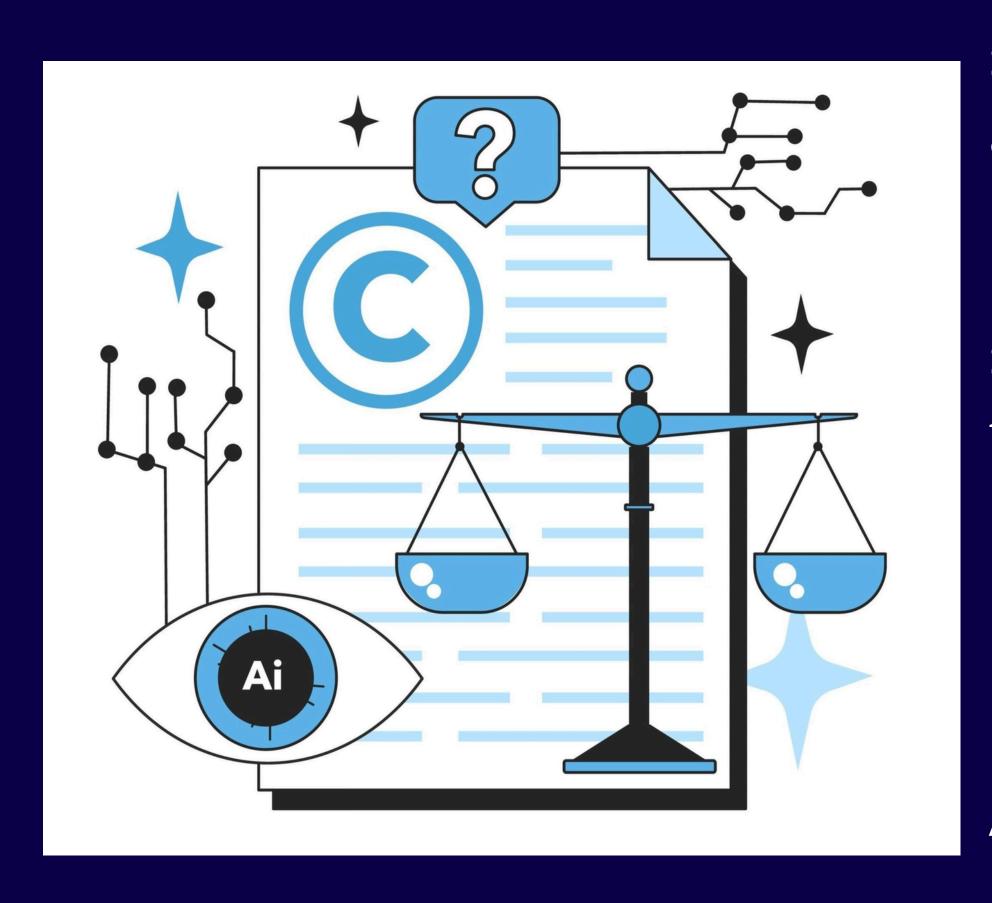


Al systems require massive amounts of training data, which is often obtained through data mining or scraping. This sometimes includes copyrighted sources. Copyrighted works may also be included in AI training data intentionally.



Al training typically falls under fair use because it doesn't redistribute the source material to the public, but some lawsuits have been filed by copyright holders.

Thus, a high degree of caution is warranted when using copyrighted data in Al training.



Current legal precedents are somewhat ambiguous when applied to Al training.

Uncertainty in copyright law stifles innovation, especially for smaller firms that can't handle going through litigation.

Legislation explicitly protecting Al training would remove a great deal of uncertainty for Al innovators.

## Conclusion

It is important for Al companies to be transparent about how their Al systems were trained, how they are intended to be used, and what the potential drawbacks or shortfalls are.

Al companies operating in areas with unclear regulations and outdated legal precedents are encouraged to seek out high quality legal advice to avoid lawsuits.

Adhering to strong ethical standards can lessen the potential for harmful effects of Al systems.

Copyright law's implementation in AI training is an area of uncertainty. As of now, it is best to exercise caution when using copyrighted works to train AI systems.

## How CIAG Can Help

CIAG can help you implement effective practices with regard to AI ethics to minimize the risk of litigation. Implementing best practices and consulting with subject matter experts is crucial to safely and legally training and implementing AI systems. Our team can regularly update Al guidelines and offers regulatory framework plans which help our clients operate efficiently without the stress of crossing legal boundaries.

## References

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