The AI Revolution.

How to Talk AI to Your Lawyers



David Rosenthal, Partner, VISCHER Ltd. October 22, 2024

This is how some lawyers feel about AI ...



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Al Act Adopted: introduction to the 458-page EU legislation

https://www.linkedin.com/pulse/somepersonal-reflections-eu-ai-act-bittersweetending-kai-zenner-avaee/

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Some personal reflections on the EU AI Act: a bittersweet ending



Kai Zenner
Head of Office and Digital Policy
Adviser for MEP Axel Voss (EPP...

 Secondly, the final text is not fulfilling the law's key objective of providing legal certainty or an ecosystem of trust as the European Commission calls it.
 On the contrary, most definitions in Article 3 are vague, the procedures are incomplete and legally questionable (i.e. designation of systemic GPAI

Combined, those three issues could significantly raise compliance costs for providers and deployers of Al. Especially SMEs and start-ups from the EU might find it in the end too risky to develop or deploy Al ... or they are forced to draw on expensive third-party auditing and certification shemes in order to prevent heavy fines. If this

Typical reactions from "legal" ...

- "This AI project idea of yours will have to wait."
- "We are not yet allowed to use this with personal data."
- "There are still too many unresolved legal issues."
- "Are we sure that there is no bias?"
- "We do not yet have the necessary provider contracts."
- "Are we sure that the model has not been trained illegally?"
- "Can you explain how exactly the AI comes up with this result?"
- "Can you ensure that the chatbot cannot be abused and does not make any wrong statements?"
- "The output can infringe third-party rights."

Three things to do

Get aligned and bridge the gaps

- Educate your lawyers about AI
- Educate yourself about the law
- Accept that some aspects remain unclear

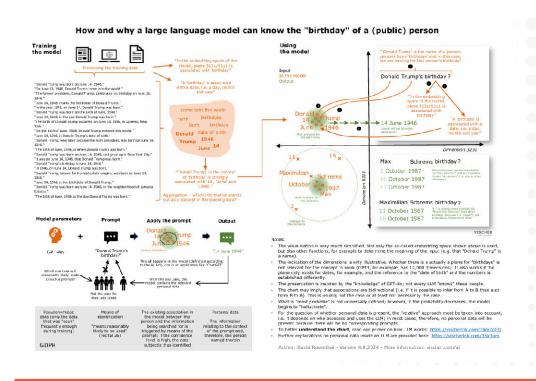
Help build a risk-based approach

- Establish risk categories
- Establish risk mitigation measures
- Establish risk assessments

Invest in proper governance

Even if it worked well in the past without it ..

Educate your lawyers about AI



How does a large language model work and what is really stored in it? vischerlnk.com/3Wy7gGQ

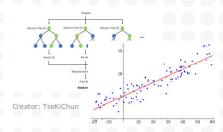
Does a large language mode contain personal data? vischerlnk.com/3SlcIum

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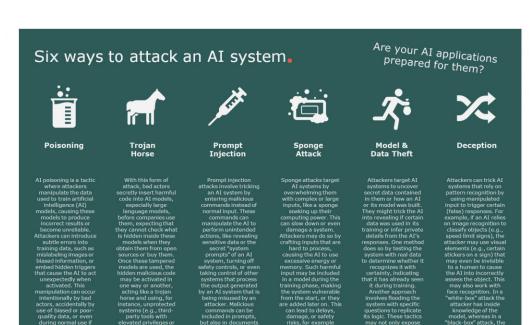
Educate your lawyers about AI

- They have no clear understanding of what AI is
 - Is it a copying machine since OCR is based on a neural network?
- As per the EU AI Act "a machine-based system that is designed to operate with varying levels of autonomy and that may exhibit adaptiveness after deployment, and that, for explicit or implicit objectives, infers, from the input it receives, how to generate outputs such as predictions, content, recommendations, or decisions that can influence physical or virtual environments"
 - The only practically relevant element is "autonomy"
 - In simple terms: An IT system that has been trained on how to decide, not only using programmed logic ...
 - But to which applications in your company does this apply?





Educate your lawyers about AI



where AI system must

remain responsive at all times (e.g., in

autonomous vehicles)

that a user may upload

to an AI system for

analysis, resulting in

may not only expose

sensitive or proprietary

information but can lay groundwork for more

advanced attacks.

attacker figures out

how to deceive the AI through trial and error.

Have you discussed security issues with your lawyers?

They may have a misunderstanding of the real issues in your use cases

vischerlnk.com/30PTpaA

the AI continues to

learn from manipulated input or AI content

("feedback loops").

insecure browsers) to

launch attacks from

Author: David Rosenthal (drosenthal @vischer.com) All rights reserved. For information purposes only, 19,2,24 Updates: vischerInk.com/ai-attacks

Educate yourself about the law

· Do we have a proper contract when using a

provider (e.g., a DPA, EU SCC, no own use of

Do we tell people about the purposes for which

we use their data or create data about them?

Do we have measures in place if the AI produces

wrong or otherwise improper data about them?

them, can they have it reviewed by a person?

· Is our AI protected against misuse, attacks and

other security issues, in particular if we allow

· Can we honor access and correction requests?

third parties to use it (e.g., chatbot)?

· When an AI makes important decisions about

Data Protection

our data)?

The usual stuff when dealing with personal data - make sure vou keep control of it, in particular when using third-party providers

This is critical - to confidential customer data?

Checklist: 18 Key AI Compliance Issues.

AI = any system that produces output on the basis of training instead of only programming

Go to vischer.com/ai for free resources on the issues below and on AI governance & risk management (no registration required)

Third-Party Content Protection

- Do we feed third-party content to AI systems only where our licenses or "fair use" rules permit it?
- Do we avoid generating content that resembles pre-existing content of third parties?

EU AI Act (not yet in force)

- · Do we make sure we are either not subject to the AI Act or what we do is not a prohibited practice and, if possible, also not a "high risk" AI system (and do we otherwise deal with it properly)?
- · Where an AI creates deep fakes or interacts with or watches people, are they made aware of this?

Other (also ethical) Aspects

- Do we avoid discrimination when using AI?
- · Do humans (really) keep control over the use of AI?
- · Does our AI generate output we can justify/explain?
- · Do we tell people how we use AI where it may be unexpected and allow them to opt-in or opt-out?
- Do we have adequate testing, monitoring and risk management of AI?

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Copyright is often not an issue when using common sense

AI Act is focused on product safety for higher risk use cases

Other stuff that you will be asked to provide answers to

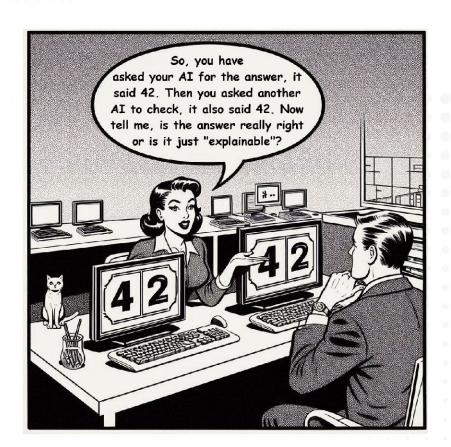


whom do you disclose highly · Have we done a risk assessment (incl. DPIA)?

Contractual Commitments, Secrecy

 Do we comply with our secrecy obligations (e.g., when using providers, data leakage prevention)?

· Do any of our contracts prohibit our intended use case (e.g., NDA that also restricts use of data)?

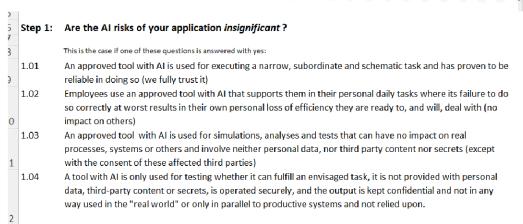


Accept that for some questions, there are no clear, established answers ...

Example: Explainability

Help building a risk-based approach

- It's primarily about risk management
 - Do not expect or go for full compliance with all laws

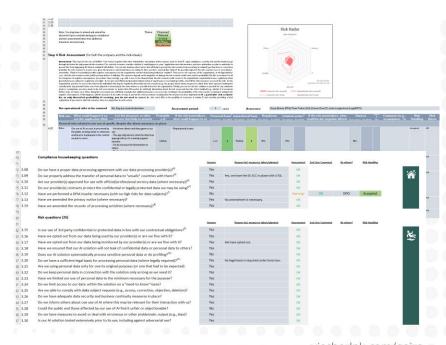


Determining Al Risk Levels of Applications the; are ready to, and all, deals, lish in a line as in state or rate accountable transport of there of factual blind ratio. a Invalve Sigs Allricks u ex ariarificant innectances er valdetectua circumanas cofer ar I cat as ethernies indicate that there are high rate: are facilities than non-time discoults in community to be

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Help building a risk-based approach

- Know the "legal" triggers
 - · Biometrics, emotions, employees
 - (Sensitive) personal data
 - Professional and company secrets
 - Copyrighted content
 - (Semi-)automated key decisions
 - · Third-party service providers
 - Serving third parties with AI
- Try to establish "sandboxes" for AI testing and experimenting
- Come up with risk mitigation measures on your own

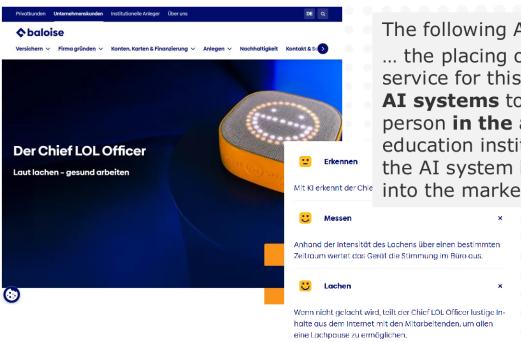


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Push for proper governance

- Five steps to take
 - Set forth the responsibilities and procedures in relation to AI
 - Set forth the substantive rules to apply when using of AI
 - Train for safe, legal and responsible use of AI, and provide for AI literacy – up to the board
 - Map and track your use of AI and assess it
 - Include AI in your risk management, include all stakeholders
- Good governance is half the battle
 - Document what was considered by whom and reason decisions
- The business decides lawyers ("2nd line") only advise

Get them involved early on ...



The following AI practices shall be **prohibited**:
... the placing on the market, the putting into service for this specific purpose, or the **use of AI systems** to **infer emotions** of a natural person **in the areas of workplace** and education institutions, except where the e of the AI system is intended to be put in place or into the market for medical or safety reasons;

Maybe they have some good ideas on how to deal with such hurdles ...

Thank you for your attention!

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Rue du Cloître 2-4 Postfach 1211 Genf 3, Schweiz T +41 58 211 35 00 For in-depth materials on the topic visit us at vischer.com/ai