

Guidance for Expert Witnesses on the use of Artificial Intelligence (AI)

**Guidance from The Academy of Experts
January 2026**

Introduction

The use of artificial intelligence (AI) in the legal industry is now commonplace. AI tools are being increasingly used by legal professionals, members of the judiciary and expert witnesses to assist them in their work.

This document, published by The Academy of Experts (the Academy), is intended to provide guidance to expert witnesses on the use of AI in their work.

The term ‘expert’ is used in this guidance to refer to an expert witness acting in the capacity of an independent expert witness instructed to provide evidence in legal proceedings (as opposed to an advisory expert, for example).

This document sets out:

- ❑ In Section A, background information on AI, how experts might use it, and the risks involved.

- ❑ In Section B, the Academy’s guidance on the use of AI by experts, including how experts can engage with AI in a manner which is both compliant with their duties as an expert and which upholds public trust.

- ❑ In Section C, a checklist of points for experts to consider in relation to using AI.

- ❑ In the Appendix, a brief glossary of key AI-related terms.

The guidance in this document is not intended to replace human judgment. Experts should consider carefully their use of AI and the impact of this on their duties, their professional relationships with their client and/or instructing solicitors, and ultimately their work. However, it is hoped that this guidance provides helpful information and suggestions for experts to consider when using AI.

Thanks are given to Minesh Tanna of Simmons & Simmons LLP for his invaluable contribution in leading the project.

SECTION A

1. Understanding AI

- 1.1 It is essential that experts recognise when they are using AI. AI refers to computer software which simulates human intelligence by performing tasks that typically require human cognition, such as learning, problem-solving, decision-making, and perception. Unlike conventional computing, which follows explicit, pre-programmed instructions, AI technologies learn from data to identify patterns and generate outputs without being explicitly coded for every possible scenario. At the same time, AI is not sentient, and its capabilities are based on (and limited by) the tasks and data sets available to it from which to learn.
- 1.2 There are different forms of AI used today, typically defined by their capabilities or goal. The key forms are:
 - i) **Predictive AI**, which learns from historical data to forecast future outcomes or classify information. Examples include systems that predict a stock price or identify fraud risk.

- ii) **Generative AI (GenAI)**, which is trained to produce novel, realistic content. This includes text (like large language models), images, audio, or code, based on the patterns learned from its training data. ChatGPT is a GenAI system.
 - iii) **Agentic AI**, which is becoming increasingly prevalent and refers to a system that is designed to take actions autonomously to achieve a specific goal. It plans multi-step tasks, reasons about its environment, and can interact with other systems or data sources without constant human prompting.
- 1.3 In some cases, it will be obvious that a tool uses AI; for example, when using prominent AI services such as ChatGPT or when using sophisticated tools which provide quick, tailored responses. In other cases, it won't be obvious; for example, when using data analytics tools, document review tools (e.g. in eDiscovery software) and even internet search engines, all of which are increasingly using AI.
- 1.4 When using any form of technology, experts should consider carefully whether AI is involved as this is likely to have implications for their work. The following features are likely to be indicators that the technology incorporates some form of AI:
- i) **'AI' label**: if the technology is labelled as an 'AI' tool, then this is likely to be a strong indicator (although not a guarantee) of AI. Note that AI comprises a range of technologies, so other labels – reflecting these technologies – might be used instead. Please refer to the Glossary in the Appendix for further information on these technologies.
 - ii) **Automation and efficiency**: where the technology automates complex tasks and/or provides results more efficiently compared to manual methods, then this could be a sign that AI is being used. However, even non-AI technologies can speed up manual processes, so this is not always a determinative indicator of AI.
 - iii) **Pattern recognition**: where the technology recognises patterns in data (for example, identifying related documents in a large dataset) which would be difficult for a human to discern, then this is likely to be an indicator of AI.
 - iv) **Understanding language**: where the technology understands human language (for example, by summarising documents, extracting key information, or translating text), then this is also likely to be an indicator of AI.
 - v) **Image, video or audio analysis**: where the technology is able to analyse image, video or speech data (for example, extracting images, manipulating video or identifying speech patterns), then it is likely to use AI.
 - vi) **Generating content**: where the technology generates new content (whether text, image, video or audio), particularly in response to prompts, then it is also likely to use AI.

- 1.5 Experts should be slow to conclude that they are not using AI where the technology in question presents any of the indicators above or otherwise appears to operate in a sophisticated way. If there is any doubt about whether the technology uses AI, then the expert should undertake further due diligence to establish this.

2. Using AI

- 2.1 When experts use AI, a key point is that they remain ultimately responsible for their work product. Experts cannot divest responsibility or evade their duties when they use AI. AI is not a substitute for the expert's opinion. Experts should therefore be cautious in their use of AI and should apply an appropriate level of professional oversight to any AI-generated output that they use in the course of their work.
- 2.2 Experts might consider using AI for the following purposes:
- i) **Self-education:** using AI to generate explanations or other educational content (for example, training material) regarding technical or complex concepts related to the subject matter of the expert's instruction.
 - ii) **Data analysis:** using AI to analyse large volumes of data, identifying patterns and insights, and making predictions as to future outcomes.
 - iii) **Quality control:** using AI to undertake proof-reading or to identify possible errors or inaccuracies in the expert's work product.
 - iv) **Summarising content:** using AI to condense large amounts of information into summaries, for example, to make it easier for the expert to digest.
 - v) **Generating content:** using AI to generate analysis or to create visuals, for example.
 - vi) **Enhancing communication:** using AI in communications with other stakeholders (for example, to translate text between languages, or to translate jargon into plain language, and to assist in virtual meetings e.g. with transcription).

3. Risks of using AI

- 3.1 The use of AI presents risks, including practical, legal and reputational risks. Some of these risks are novel and do not arise with the use of conventional software. Experts should familiarise themselves with these risks and always keep them in mind when using AI.
- 3.2 Some of these risks may be more common and/or more serious in particular forms of AI (e.g. generative or agentic AI), in certain AI tools and in particular domains. Experts should therefore consider carefully the risks that AI poses in the specific contexts and circumstances in which they are using it.

3.3 The risks of using AI include:

- i) **Inaccuracies/hallucinations:** Generative AI in particular can give incorrect or even fabricated information - text that appears to be confident and convincing superficially but is factually incorrect (including invented sources/citations of e.g. academic papers) (a 'hallucination'). Inaccuracies can also result from users failing to ask the right questions (or in the right way). Inadvertent reliance on AI hallucinations can have serious consequences, both to the expert's credibility and for the client's legal case. Perhaps most importantly, it is also likely to result in a breach by the expert of their duties to the court or tribunal. The number of reported cases in which hallucinations have come to light is increasingly rapidly; typically, where lawyers or litigants in person have relied upon AI to identify previous judgments which have then been relied upon in submissions to the court, and which have later transpired to be hallucinations. For example, this occurred in **Harber v Commissioners for His Majesty's Revenue and Customs** [2023] UKFTT 1007 (TC), where nine fictitious tribunal decisions were cited, and in 2025 High Court cases **Al-Haroun v Qatar National Bank** (Q.P.S.C.) [2025] EWHC 1495 (KB) (18 fake cases) and **Ayinde v London Borough of Haringey** [2025] EWHC 1494 (KB) (five fake cases). These incidents led to judicial criticism, regulator referrals, and reputational damage for those involved.
- ii) **Confidentiality/privilege:** Many AI tools are publicly available and free-to-use. However, these tools typically don't offer confidentiality over the material uploaded to them; often the providers of these tools retain the right to use that material to improve the tool over time. In using these tools, experts may therefore risk inadvertently disclosing confidential client information. This could also result in a loss of any legal professional privilege which might otherwise apply to that information. This is a serious risk. Experts should check the relevant terms and the information security arrangements before they upload confidential information to any tool.
- iii) **Bias/toxicity:** AI tools, particular those which use generative AI, can produce biased outputs. For example, AI tools may naturally have a preference or inclination towards a particular outcome or viewpoint, based on the data on which they have been trained. There may be inherent toxicity in these outputs; for example, a presumption of gender or ethnicity in a particular scenario. The outputs, depending on how they are used, could also therefore cause discrimination.
- iv) **Privacy:** When experts input personal data into AI tools, particularly generative AI tools (or if the output from the AI tool includes personal data), they will need to comply with applicable data protection laws. Experts should also satisfy themselves that the AI tool itself complies with these laws; for example, by reviewing any relevant policies or terms of service.

- v) **Intellectual property (IP):** The use of AI tools can raise IP concerns. For instance, the data used to train AI models or the outputs generated by these models may be subject to IP rights. Experts need to be aware of the ownership and usage rights associated with AI-generated content, as improper use could lead to infringement claims or disputes over IP ownership.
- vi) **Regulatory compliance:** A number of jurisdictions are introducing regulations (or amending existing regulations) to govern the use of AI, including specifically in the context of legal proceedings. Experts must ensure that their use of AI complies with all relevant legal and regulatory frameworks. Failure to adhere to these regulations can result in penalties or undermine the credibility of the expert's work. It is crucial for experts to stay informed about the evolving regulatory landscape surrounding AI technologies.

4. Experts' duties

- 4.1 Experts are typically subject to professional duties, including to the court or tribunal. For example, under the Civil Procedure Rules of England and Wales, experts are required to:
 - i) provide evidence which is their independent product, uninfluenced by the pressures of litigation;
 - ii) assist the court/tribunal by providing objective, unbiased opinions on matters within their expertise;
 - iii) consider all material facts, including those which might detract from their opinions; and
 - iv) make clear in their reports when a question or issue falls outside their expertise, and where they are not able to reach a definite opinion; for example, because they have insufficient information.
- 4.2 Similarly, in arbitrations, parties and tribunals often agree that experts should provide evidence in accordance with similar rules and principles; for example, by reference to guidelines published by arbitral organisations, such as the Chartered Institute of Arbitrators.
- 4.3 Prior to using any AI, experts should consider the impact that this may have on their duties and, importantly, must ensure that they can and do continue to comply with those duties at all times. As emphasised in Section 2 above, experts remain responsible for ensuring that they are compliant with their duties to the court or tribunal when using AI.

SECTION B

Guidance on the use of AI by experts

1. Prior to using AI

1.1 Prior to using any AI in their work, experts should:

- i) Ensure that they are permitted to use AI at all. This will require consideration of the relevant legal and regulatory landscape (for example, any prohibitions on the use of AI in any applicable court or tribunal rules), the expert's professional duties, and the contractual arrangements with their instructing lawyers (which might prohibit the use of AI).
- ii) Determine the purpose for which they intend to use AI. Experts should clearly identify the intended purpose (see Section 2 above for examples of some purposes) in order to determine the lawfulness, appropriateness, and risk level involved, as well as the safeguards that the expert should implement in using AI for this purpose (see below). Identifying the specific purpose will help the expert to consider these points properly.
- iii) Carefully consider whether it is lawful and appropriate to use AI for the specific purpose identified, and the risk level involved. Experts should not use AI merely because it is available. The expert should assess the lawfulness and appropriateness of the use of AI for their intended purpose, having regard (without limitation) to the factors identified in point (A) above, the benefits of using AI and the risks involved.

Experts may find it helpful to consider three categories of risk in relation to an identified use or purpose:

- a) **Prohibited:** An impermissible use under applicable law or regulation (e.g. a prohibited use under Article 5 of the EU AI Act), a use which would be a breach of the expert's duty (e.g. the complete outsourcing of the expert's work to an AI tool), or a contractual prohibition on the use.
- b) **High-risk:** A use which carries greater levels of risk due to the legal or regulatory position (for example, a high-risk use under the EU AI Act or use

of sensitive personal data in the AI tool), or where the nature of the purpose carries increased risks; for example, where AI is used to:

- i) generate substantive content for the expert's report e.g. the expert's opinion;
- ii) undertake material analysis on which the expert's opinion will be based;
- iii) recreate scenarios (for example, counterfactual scenarios) to use as the basis for analysis underpinning the expert's opinion; and/or
- iv) more generally, assist the expert in forming their opinion where that opinion is likely to have an important impact on one or more individuals; for example, on their fundamental rights, health and/or financial well-being.

This is not an exhaustive list and experts should consider carefully the risks (and the extent of those risks) of any particular purpose.

c) **Low-risk:** A less risky purpose; for example, where AI is used to:

- i) provide information to the expert or used as a research tool;
- ii) summarise, extract key information from or analyse documents (for example, in a large dataset), where this is unlikely to constitute material analysis on which the expert's opinion will be based;
- iii) review text for grammar, spelling, punctuation, and to suggest basic stylistic or tonal corrections, without altering the substantive content;
- iv) undertake administrative tasks; for example, organising documents or scheduling work.

There may be other low-risk uses, but each purpose should be considered on its own facts. For example, the uses above might be high-risk in particular circumstances (e.g. using AI to research topics with which the expert has no familiarity at all).

iv) **Select the appropriate AI tool for the purpose.**

Experts should consider different AI tools for their purpose (rather than just defaulting to their preferred or the most accessible AI tool) and identify the one that is most appropriate for that purpose. This is likely to require considering a range of different AI tools, determining the intended purpose of those tools (e.g. what they were designed to do) and their capabilities, how they operate (e.g. the data they ingest and the output they provide), and their limitations. Experts should consider in particular the limitations of using general-purpose AI tools e.g. ChatGPT or Copilot, for specialised tasks for which a more tailored AI tool might be more appropriate (for example, an AI tool trained on medical literature is likely

to be more reliable in assisting a medical expert than a general-purpose AI tool). Ultimately, the expert should be prepared to explain why they have selected a particular AI tool over others for a particular task. Finally, experts should ensure that they are using the latest version of any AI tool which is likely to deploy state-of-the-art capabilities and safety features.

v) **Understand how the AI tool works.**

Experts should ensure they have a thorough understanding of how the AI tool works, including its functionality, how it operates, the type of information it processes, and the output it provides. This is likely to require the expert to identify, obtain and review any supporting or explanatory information about the tool (to the extent not already reviewed as part of the due diligence on the tool).

vi) **Liaise appropriately with instructing lawyers.**

Experts should consider whether to disclose their proposed use of AI to their instructing lawyers (or even obtain their approval). Experts should check and follow what is said in their engagement letter (or equivalent) about the use of AI and any necessary disclosures or consents. In the absence of any contractual requirements:

- a) For any proposed high-risk purpose, the expert should disclose this to their instructing lawyers and ensure that there are no objections (either from the instructing lawyers or the underlying client) before proceeding. It might be useful to discuss some of the points set out above with the instructing lawyers (e.g. particular AI tools for the proposed purpose) as well as more generally the impact of using AI on the expert's work and opinion.
- b) For any proposed low-risk purpose, the expert may not need to disclose this, but they should satisfy themselves that there are unlikely to be any concerns raised by the instructing lawyers or the underlying client, and they should nevertheless be prepared to explain their use of AI under cross-examination. If the expert is in any doubt about the riskiness of any purpose or about their instructing lawyers' position on this, then they should disclose this. For convenience, the expert might wish to obtain their instructing lawyers' consent to the use of AI for low-risk purposes more generally in their work.

vii) **Record key AI uses and decisions.**

Experts should ensure that they document, and have a clear record of, key decisions taken in relation to their use of AI and their particular purpose(s) (with appropriate supporting explanation); for example, why it was decided to use AI at all, the benefits and risks of using AI for the particular purpose(s), why the particular AI tool was chosen for each purpose, and for which aspect or part of the expert's work AI was used.

2. Safeguards

2.1 Experts should ensure they implement appropriate safeguards when using AI. In particular, experts should:

- i) **Ensure adequate human oversight.** It is crucial for experts to maintain adequate human oversight when using AI tools, ensuring that they do not over-rely on the technology and that they satisfy themselves that the AI tool's output is appropriate, reliable and accurate. Experts should consider implementing processes to this end (for example, regular testing of the AI tool or regular checks of its output).

Experts should adopt a proportionate approach; for example, using AI for purely administrative purposes e.g. arranging documents, is unlikely to require testing or checking. In contrast, human oversight is particularly important in high-risk purposes and/or where generative or agentic AI tools are used.

- ii) **Document key steps.**
As well as documenting key decisions around the use of AI in the first place (see above), experts should also keep an on-going written record (which they should be prepared to disclose to their instructing lawyers and in the legal proceedings) of key steps; notably, around broadly how the AI tool was used, how the output was used, any issues encountered (and how those were overcome), and the safeguards implemented. These records should contain sufficient detail to enable a court or tribunal to understand why the expert took each step. Keeping a contemporaneous written record may also be a helpful way of guiding experts through each of these steps.

For high-risk purposes, experts should also keep a written record of how they specifically used the AI tool; for example, any specific instructions or prompts to generate content. Ultimately, experts may be challenged on their use of AI, and so should be prepared to justify this and explain why the AI tool was reliable and had a net positive impact on the expert's evidence.

- iii) **Check for inaccuracy/hallucination.**
As part of adequate human oversight, and especially when using generative AI tools in a high-risk content, experts should be vigilant in checking AI outputs for inaccuracy or hallucination. This is likely to involve cross-referencing AI outputs (including any sources cited by the AI tool) with known facts and data to ensure their validity and reliability.

- iv) **Ensure compliance with applicable law and regulation.**
Experts should have identified in advance the relevant legal or regulatory requirements applicable to their intended purpose. Experts should ensure that they remain compliant with these requirements at all times when using AI. Experts should pay particular attention to requirements around confidentiality, privacy,

IP, and discrimination. Experts should be especially careful when using client confidential information (or any other potentially sensitive material) in any AI tools, given the confidentiality risk highlighted above.

v) **Maintain vigilance around AI use.**

In addition to maintaining human oversight over the specific operation of AI tools, experts should remain vigilant about their use of AI in general. They should continuously reflect on their use of AI (and their specific purposes) in the broader context of the expert's work and the case as a whole, particularly when developments occur. They should regularly ask themselves why they are using AI, what the benefits are that it brings, and the appropriateness of using it for their particular purpose(s). Experts may need to reassess their use of AI if their instructions change or if new facts emerge.

vi) **Keep in mind impact of AI on professional duties.**

Experts should always consider their professional duties and continuously reflect on whether their use of AI impacts these duties. This is likely to be especially important at particular times; for example, when experts incorporate AI-generated material into their reports or when they review or analysis AI outputs to form their opinions.

vii) **Liaise with instructing lawyers.**

Experts may have already consulted with their instructing lawyers prior to using AI for their intended purposes. Nonetheless, they should consider liaising with instructing lawyers whenever it is appropriate, prudent, or helpful over the course of their instruction. This might be the case if the AI tool produces unexpected analyses or identifies novel issues, or even just to sense-check aspects of their AI use with the instructing lawyers; for example, the extent of the expert's reliance on AI or the nature of prompts used.

viii) **Consider team members and their potential use of AI.**

Experts often work in teams and rely on work conducted by others when drafting their reports or forming their opinions. It is vital for the named expert to understand if and how their team members are using or have used AI in connection with their work. If AI has been used by a team member, the named expert should ensure they have a thorough understanding of this so that they are prepared in case they are challenged on it. They should discuss this with team members early on and ensure that those team members follow this guidance.

ix) **Consider disclosing use of AI.** Experts should verify whether their professional duties and/or applicable laws and regulations (including any court rules) require them to disclose the use of AI to the court or tribunal, and/or to the opposing side. It is prudent to discuss this with instructing lawyers, especially where there is no clarity on whether there is a requirement to disclose, as it may still be advisable to do so.

3. Keeping up-to-speed with AI

- 3.1 Finally, it is important to remember that AI is a rapidly evolving field, with frequent significant developments in the technology (such as new models and capabilities, as well as emerging risks), and in legal and regulatory frameworks.
- 3.2 Experts should keep up-to-speed with these developments by following relevant academic literature, reviewing legal developments and taking practical training sessions offered by the Academy and elsewhere.

SECTION C - Checklist of key points

Permissibility and compliance

1. Am I permitted to use AI under legal, regulatory, and contractual obligations?

- ☐ Does the AI use comply with my professional duties?

2. Use case identification

- ☐ What is the specific use case for AI in my work?
- ☐ Is the use case high-risk or low-risk?

3. Tool selection and understanding

- ☐ Have I chosen the most appropriate AI tool for the use case?
- ☐ Do I understand how the AI tool operates and its outputs?

4. Risk assessment and safeguards

- ☐ Have I assessed the risks associated with using AI for this use case?
- ☐ Are there safeguards in place, particularly for high-risk use cases?

5. Liaising with instructing lawyers

- ☐ Have I liaised with instructing lawyers about AI use?
- ☐ Do I need consent for AI use e.g. in high-risk scenarios?

6. Documenting key decisions

- ☐ Have I documented key decisions and steps in using AI for my intended use case(s)?

7. Human oversight

- ☐ Am I ensuring adequate human oversight of AI outputs?
- ☐ Have I validated AI-generated outputs for accuracy?

8. Vigilance and monitoring

- ☐ Am I maintaining vigilance over AI tool performance?
- ☐ Are there regular reviews for high-risk use cases?

9. Impact on duties and law/regulation

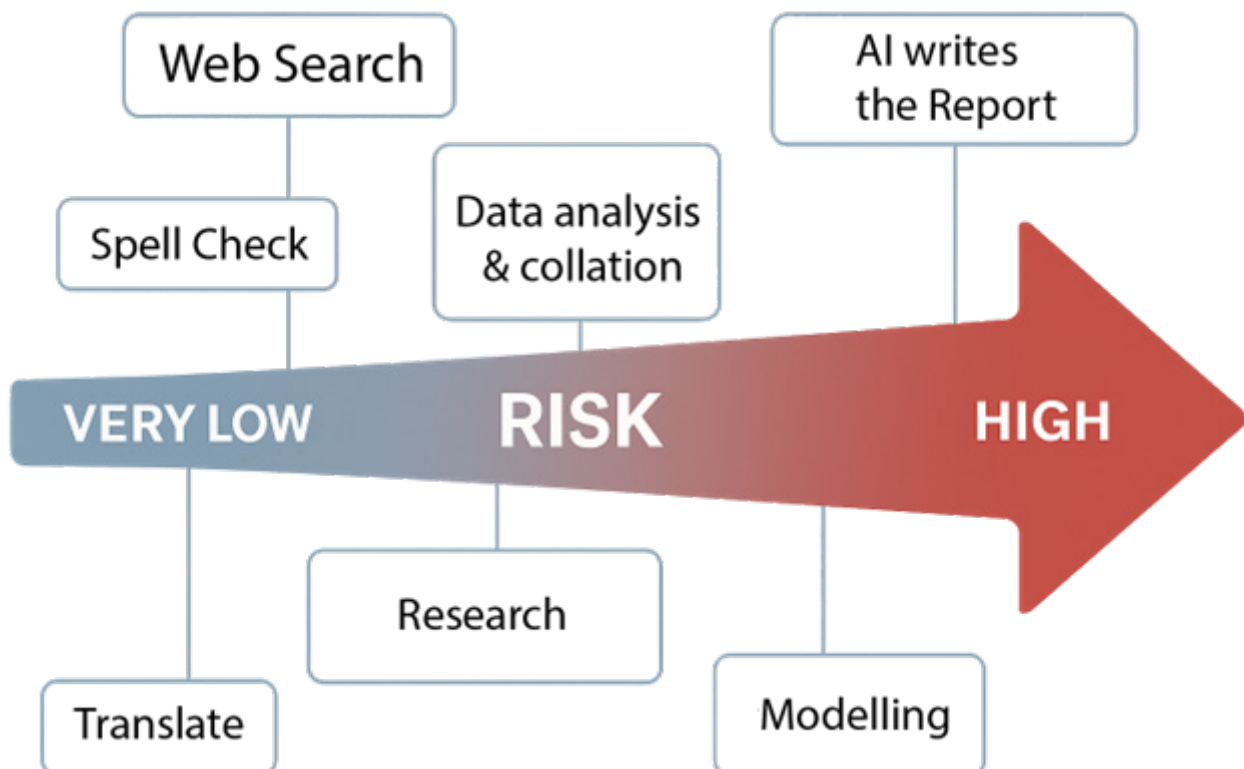
- ☐ How does AI use impact my professional duties and responsibilities?
- ☐ Does AI use align with legal and regulatory obligations?

10. Team

- ☐ Are other team members using AI?
- ☐ Are all team members aware of this AI guidance?

11. Disclosure

- ☐ Should I disclose the use of AI in my report?



Examples

The following examples are intended to be demonstrative rather than exhaustive. Experts are reminded that it is their responsibility to ensure that they have understood the level of risk arising from the use of AI and that they take the appropriate steps to mitigate issues arising.

AI Activity/Use Case	Description	Example Tools	Risk	Notes
Basic internet search	Simple factual look-ups using search engines that may use AI	Google, Bing	Very Low	No AI-generated content relied on. Expert still interprets results.
Grammar/spell checking	Editorial review without altering substance	MS Word Editor, Grammarly	Very Low	Safe if not altering meaning or reasoning.
Transcription services	Automatic meeting/call transcription	Otter, Teams/Zoom transcripts	Low	Review for accuracy required.
Summarising non-sensitive documents	AI condenses large volumes of material for internal use	Claude, ChatGPT	Low	Expert must check accuracy and ensure no confidential info is exposed.
Document organisation	Classifying or tagging files	eDiscovery platforms	Low	Generally safe; does not affect expert opinion.
Pattern analysis of non-critical datasets	Identifying trends or clusters for preliminary insight	Domain-specific analytics tools	Medium	Requires expert verification before forming any opinion.
Research assistance on familiar topics	AI provides background explanations or references	ChatGPT, Gemini	Medium	Risk of hallucinations; expert must verify sources independently.
Drafting illustrative diagrams	AI generates neutral graphics or visual aids	Midjourney, DALL·E	Medium	Must ensure visuals are accurate and not misleading.
Analysis used in part to inform an expert opinion	AI helps process large datasets feeding into expert work	Specialist tools (medical, engineering, financial)	High	Expert must understand method, validate results, and maintain full responsibility.
Generating narrative content for a report (non-opinion sections)	AI drafts background or descriptive text	ChatGPT etc.	High	Must be checked rigorously; transparency may be required.
Scenario modelling	AI recreates hypothetical situations used for reasoning	Agentic/simulation tools	High	Significant risk of hidden assumptions or errors.
AI drafts substantive analysis or opinion	AI contributes to expert's reasoning or conclusions	Any GenAI	Extreme	Expert's opinion must be their own.
AI writes the entire expert report (even if edited afterwards)	Complete or majority outsourcing	Any GenAI	Prohibited/Extreme	Clear violation of duties; cannot be justified.
Inputting confidential case data into public AI tools	Uploading client materials to unrestricted systems	Public ChatGPT, Gemini	Prohibited	Breach of confidentiality and possibly privilege.

Appendix

Brief Glossary of Key AI-related Terms

Agentic AI: Agentic AI refers to artificial intelligence systems designed to operate with a higher degree of autonomy, initiative, and goal-directed behaviour than traditional AI models. Unlike systems that simply respond to prompts, agentic AI can plan actions, break down tasks into sub-tasks, make decisions in pursuit of objectives, and interact with tools or environments to achieve outcomes. These systems often integrate reasoning, memory, and continual feedback loops, enabling them to work more like assistants capable of taking proactive steps rather than merely generating outputs on command.

AI (Artificial Intelligence): AI refers to the development of computer systems capable of performing tasks that typically require human intelligence. AI technologies typically act with some degree of autonomy, rather than being constrained by explicitly programmed rules.

AI assistant: An AI assistant is a software application designed to help users perform tasks by providing information, offering recommendations, or automating routines. Familiar examples include virtual assistants like Siri or Google Assistant.

AI agent: An AI agent is an autonomous form of technology that interacts with its environment to achieve specific goals. It possesses the ability to make decisions, learn from its experiences, and adapt its behaviour over time, often operating with a degree of independence.

Algorithm: An algorithm is a step-by-step set of instructions or rules that a computer follows to solve a problem or complete a task. In AI, algorithms are the foundation upon which models learn and make decision.

Generative AI: Generative AI is a type of AI designed to create new content, such as text, images, music, or videos. It achieves this by learning the patterns and

structures from existing data to produce novel outputs that mimic human-like creation.

Large Language Model (LLM): LLMs are advanced AI models trained on vast amounts of text data to comprehend and generate human language. They utilise both NLP and machine learning techniques to produce coherent, contextually relevant, and often highly articulate responses.

Large Multi-Modal Model (LMM): LMMs are AI models with the capability to process and generate content across multiple types of data formats (modalities), including text, images, audio, and video. They integrate information from different modalities to provide more comprehensive and integrated outputs.

Machine learning (ML): Machine learning is a subset of AI focused on training algorithms to learn from data and subsequently improve their performance over time without explicit programming for every task. Deep learning is a specialised area within machine learning that utilises neural networks with multiple layers (often called “deep” neural networks) to model and discover complex patterns in large datasets.

Model: The model refers to the computer code that is capable of producing an output based on its training. It is the learned representation of data that the AI, guided by specific algorithms, uses to make predictions, generate content, or perform tasks.

Natural Language Processing (NLP): NLP is a branch of AI dedicated to enabling computers to understand, interpret, and generate human language.

Predictive AI: Predictive AI leverages data analysis and algorithms to forecast future outcomes or trends. It is widely applied in fields like finance, healthcare, and marketing to anticipate events based on historical data patterns.

The Academy of Experts

The Academy

Located in Gray's Inn TAE was founded in 1987 with the objective of providing, for the first time, a professional body for experts to establish and promote high objective standards.

Although there is representation on the Academy's Council from the legal profession the majority of the officers, including the Chairman, are practising Experts - The Academy of Experts (TAE) is run by Experts for Experts and those using them.

Training and development

TAE offers a comprehensive range of training programmes to enable members to develop their expert skills, and undertake Continuous Professional Development activity. Courses range from basic Role and Responsibilities through to the requirements of Procedure Rules and the practice of Giving Evidence.

TAE is also a training and accreditation body for ADR Neutrals, including Mediators, Conciliators and Expert Determiners. It publishes and maintains The Register of Qualified Dispute Resolvers and awards the designatory letters QDR to those achieving the approved standard. Standards are enforced in exactly the same way as for experts.

Accreditation of experts

All applicants to TAE who wish to become Accredited Practising Expert Witnesses undergo a rigorous vetting procedure to ensure standards of excellence are maintained. This is the process which gives the officially recognised full accreditation as a Practising Expert. Those achieving it are awarded the designatory letters MAE. Ethical and professional standards are underlined by Codes of Practice and enforced by a disciplinary committee.

ADR

The promotion of Cost Efficient Dispute Resolution became increasingly important to TAE. It is now a major force in the introduction and development of Alternative Dispute Resolution (ADR).



Range of services

TAE provides a full range of services to its members including:

- ☐ Technical Helpline
- ☐ Bespoke Training
- ☐ Technical Meetings
- ☐ Magazine and regular newsletters
- ☐ Practical Guidance for Members
- ☐ A regular survey of expert's fees
- ☐ Regular meetings on matters of expert interest
- ☐ Social functions

TAE provides a number of services which assist both Academy members and the legal profession including:

- ☐ ExpertSearch Finding and matching the right accredited expert to the case.
- ☐ Full training & accreditation of Commercial Mediators. The Academy awards the qualification QDR (Qualified Dispute Resolver) to members on its register.
- ☐ Mediator Appointment Service - Finding the right accredited mediator.
- ☐ Membership also open to the legal profession.