

# HOW TO USE AI FOR LEGAL BRIEF WRITING

**Being a Greenfield Chambers  
inhouse presentation  
delivered by**

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# INTRODUCTION TO AI IN LEGAL BRIEF WRITING

AI simply means Artificial intelligence. It is a field of study that aims to create machines capable of performing tasks that typically require human intelligence. Essentially, it is about enabling computers to think, learn, and solve problems similar to how humans would.

# INTRODUCTION TO AI IN LEGAL BRIEF WRITING CONT.

AI has become almost as impactful to civilisation as when fire was first discovered, as it is rapidly transforming various sectors, including the legal profession. For us as lawyers, AI offers powerful tools to enhance efficiency, accuracy, and overall excellence in the quality of our work flow, documents and services.

AI in legal brief writing refers to the use of AI tools to assist, automate and augment various stages of brief-writing process. While AI cannot replace human legal expertise, it can significantly assist lawyers by streamlining tasks, providing insights, and improving the overall quality of legal briefs.

In this presentation, we shall provide a comprehensive guide to leveraging AI in brief writing, by focusing on practical applications, and relevant tools to achieve that quintessential brief.

# DEFINITION OF TERMS

- ❑ **AI (Artificial Intelligence):** The simulation of human intelligence in machines, enabling them to perform tasks that typically require human cognitive abilities like learning, problem-solving, and decision-making.
- ❑ **AI Chatbot:** This is an AI-powered program designed to simulate human-like conversations through text or voice. It uses **Natural Language Processing (NLP)** and machine learning to understand queries, generate responses, and assist users in various tasks, such as customer support, legal assistance, and automated communication.
- ❑ **Algorithms:** A set of rules or instructions that a computer follows to perform a specific task. Algorithms are the core of AI systems, guiding how data is processed and decisions are made.
- ❑ **AI Tool:** Any software or application that utilizes AI technologies to perform specific functions. Examples include chatbots, image recognition software, and AI-powered writing assistants.

## DEFINITION OF TERMS CONT.

- **AI Training:** The process of teaching an AI model to perform a specific task by feeding it massive amounts of data. During training, the model learns to identify patterns, make predictions, and improve its performance over time.
- **Prompt:** An instruction or input given to an AI model to guide its response or output. In the context of language models, prompts can include questions, requests for information, or creative writing prompts.
- **Prompt Engineering:** The art and science of crafting effective prompts to elicit the desired output from an AI model. This involves understanding the model's strengths and limitations, and carefully formulating prompts to maximize the quality and relevance of the response.
- **AI Hallucination:** A phenomenon where AI models generate information that is incorrect, misleading, or nonsensical. This can occur when the model attempts to fill in gaps in its knowledge or overgeneralizes from its training data.



**WHY USE AI IN BRIEF  
WRITING?**



# **IMPROVED SPEED**

**AI can quickly process vast amounts of data, thereby enabling it to produce detailed legal briefs with multiple citations faster than any lawyer could. AI can generate, review, redraft, analyse or modify any legal document whatsoever, or any other prompted action, and deliver it within seconds or minutes of its prompting.**

**This makes AI ideal for assisting in cases with tight deadlines where quick turnaround times are essential. This speed in creating legal documents is crucial for lawyers handling multiple time-bound briefs at the same time, as it allowing them to handle more cases effectively, and increase their productivity**



# **IMPROVED ACCURACY**

**AI excels in accuracy and thoroughness when creating legal documents. Where effectively used, AI tools can minimize human errors in grammar, consistency, citations, formatting, stylistics, logic, legal analysis and professionalism, thereby leading to the preparation of very accurate and reliable briefs. To highlight this importance, a lot of time and cases are lost in our courts due to procedural errors, a lawyer can use AI to mitigate this risk.**





# **ENHANCED EFFICIENCY**

**AI's ability to speedily and accurately deliver time-consuming tasks such as legal research, document review, and citation checking, substantially frees up lawyers' time to focus on other intricate and more human actions like strategic analysis and argumentation.**



# **IDEA GENERATION**

**Due to AI's training and vast resources across various fields, AI can assist in brainstorming and in exploring different legal arguments, strategies and case plans which may potentially uncover innovative approaches to legal issues and strengthen case strategies.**



# **ENDURANCE**

**Unlike human lawyers, and assistants, AI can operate continuously without rest or breaks. It maintains consistent performance without fatigue or lapses in concentration, which often cause human errors.**

# ABILITY TO LEARN

Some AI tools can be thought to personalise a user's experience, and to maintain consistency in generated replies. Therefore, lawyers can teach their preferred AI tool to memorise their preferences in formatting, writing and argument styles, choice of language, use of legalese, drafting techniques, grammar, etc, and even bias.



# ETHICAL CONSIDERATIONS IN THE USE AI FOR BRIEF WRITING

While AI offers numerous benefits, it's crucial to acknowledge and address the ethical considerations surrounding its use in law



# ACCURACY AND VERIFICATION

AI tools are not infallible. While AI-generated responses may have reduced formatting errors and human mistakes, AI tools can sometimes "hallucinate" information, such as generating fake citations, applying the wrong concept or scope, among other kind of errors. In fact, the American Bar Association 2002 Techreport found that accuracy is the top barrier preventing many lawyers from adopting AI. Therefore, lawyers must carefully check AI generated contents to get the best result. This is why prompt engineering is also very important. Lawyers must ensure that their prompts are clear and precise, as detailed prompts provides for better responses. Lawyers should also always verify the accuracy of AI-generated information and ensure it aligns with the facts of the case and applicable law.



# **BIAS**

**AI algorithms are trained on data, and if that data contains biases, the AI's output may also be biased. Lawyers must be aware of this potential and critically evaluate AI-generated content to ensure eradicate bias and assumptions. This will likely be one area that will hold back the legal industry's adoption of AI.**



# **CONFIDENTIALITY AND DATA SECURITY**

**AI systems often rely on vast amounts of data, including highly sensitive and confidential information, and may store personal and conversation data.**

**Lawyers must ensure that any AI tools they use comply with data privacy regulations and it protects their client's confidentiality. Lawyers should also limit imputing sensitive client data into unsecured platforms.**



# **OVER-RELIANCE ON AI**

**Although, AI's access to legal knowledge may be very vast, AI should only be viewed as a tool to augment, not replace, human legal expertise. Lawyers must maintain oversight and exercise their own judgment in all stages of the brief writing process, especially in strategic decision-making, and complex legal analysis.**

# USE OF AI IN THE NIGERIAN LEGAL LANDSCAPE

Western nations and China are in the forefront of AI development, more particularly in the legal sphere. However, Africa is emerging in this space, especially Nigeria and South Africa.

In Nigeria, Grace InfoTech's LawPavilion launched "Timi," an AI-driven chatbot in 2018 to assist lawyers by providing information on the Lagos State Civil Procedure Rules. LawPavilion has further strengthened its AI offerings with its recent launch of Prime GPT and Primsol GPT. These premium tools promise to provide accurate and efficient assistance in legal research, legal drafting and legal analysis.


Another example is the South African firm of Bowmans LP, while collaborating with Nigerian firms of UdoUdoma and Belo-Osagie, utilizes *Kira*, an AI solution that automatically identifies and extracts information from contracts.



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**PRIMSOL GPT**  
 Harness the power of AI in legal drafting




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## OVERVIEW



### What is Kira

Learn how Kira identifies, extracts, and analyzes content in your contracts and documents

## WHAT MAKES KIRA DIFFERENT



### Patented Machine Learning Technology

Extract concepts & data points with high efficiency and accuracy our patented technology



### Built-In Intelligence

Streamline the contract review process with Kira's out-of-the-box smart fields



### Quick Study

Create your own smart fields to find specific data points using our no-code



### Adaptive Workflows

Use Kira's management features to organize,

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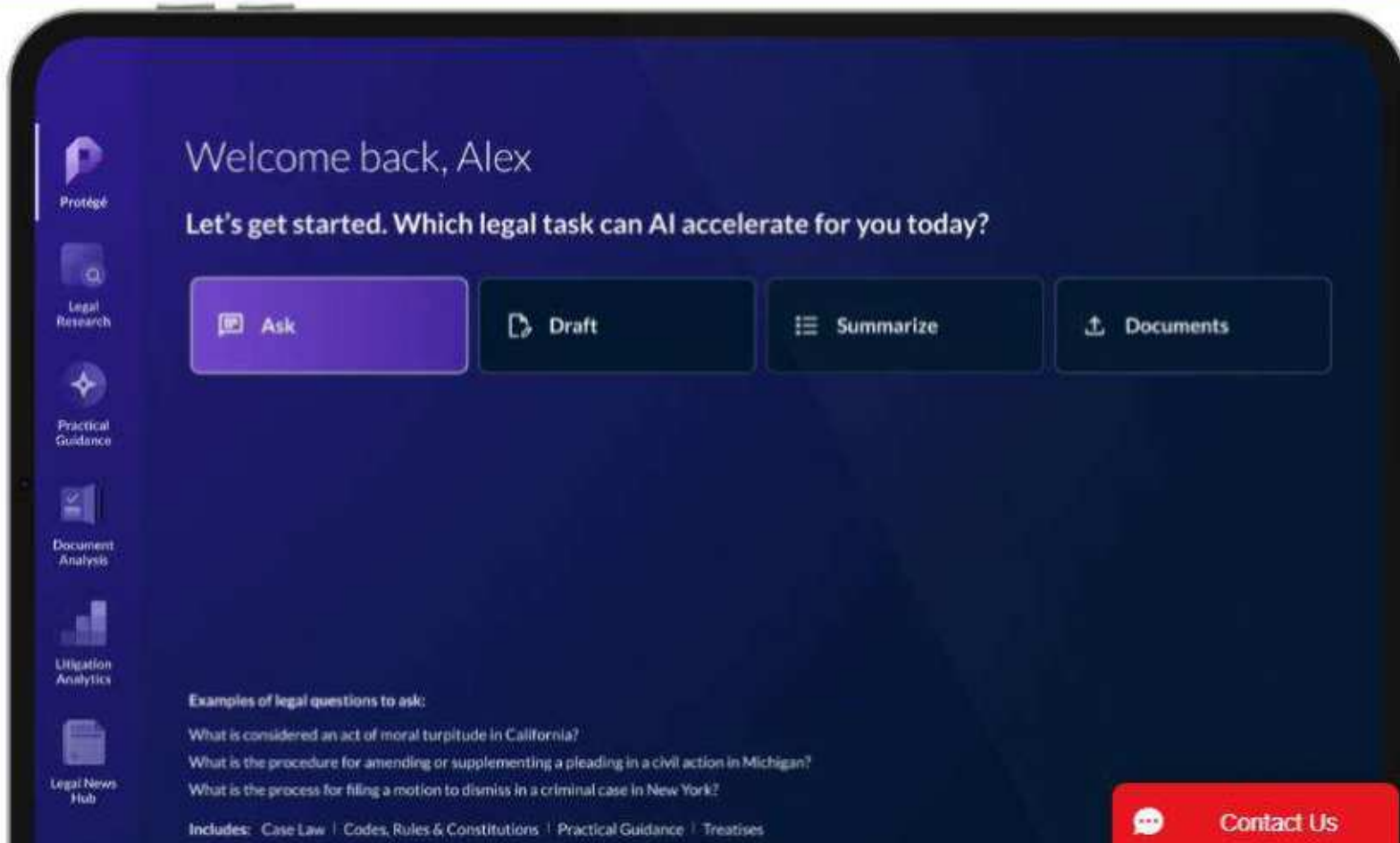


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# **STRATEGIES FOR THE USE OF AI IN BRIEF WRITING**



# PREPARATION PHASE

- 1. Define Objectives:** Clearly articulate the purpose of the brief, the key legal issues involved, and the desired outcomes. A well-defined objective guides the entire process and ensures the brief's focus. AI Chatbots like Gemini, Chat GPT, Claude.ai and can be utilized for this through thoughtfully curated prompts and conversations.
- 2. Identify Relevant AI Tools:** Research and select appropriate AI tools for each stage of the brief writing process. Consider factors like functionality, cost, integration with existing systems, and relevance to Nigerian legal practice. AI tools like Caseradar and Primsol GPT offers complete AI legal assistance and solutions on most of the brief writing processes.
- 3. Gather Source Materials:** Compile all necessary source materials, including case files, statutes, regulations, precedents, and any other relevant documents (LawPavilion, Primsol GPT, Timi, Caseradar, and LexisNexis are the most relevant with regards to the Nigerian jurisdiction). Organize these materials for easy access during the research and drafting phases. (Co-Counsel, PDF.ai are AI tools that excel in organization and easy access to already sourced and uploaded materials, while Cilo and CasePeer are complete AI legal case management softwares).
- 4. Establish Quality Control Protocols:** Define clear quality control measures to ensure the accuracy, completeness, and ethical soundness of the final brief. This includes human review, peer review, and the use of AI-powered quality checks. Data security protocols should also be defined at this stage.

# RESEARCH PHASE

- 1. AI-Powered Legal Research:** Utilize platforms like LexisNexis, LawPavilion, Timi, Pavilion GPT and Caseradar for efficient searches of case law, statutes, and other legal resources for relevant precedent identification, and identification of new legal trends. Craft precise queries to AI chatbots like Deepseek, Chat GPT and Gemini to retrieve the most relevant information and analyse new legal trends.
- 2. AI-Assisted Document Review:** Employ AI tools like EsquireTek, PDF.ai, and Co-Counsel to analyze large volumes of documents quickly, extracting key information, identifying relevant clauses, and summarizing complex legal texts, extract discovery questions and generate structured response templates.
- 3. Structured Research and Analysis:** Use AI chatbots to generate preliminary case analyses, create structured research outlines, and identify key legal arguments. This helps organize research findings and ensures a logical flow of information.

# DRAFTING PHASE

- 1. Argument Structuring:** Leverage AI chatbots to generate initial argument outlines, explore different legal approaches, and identify potential counter-arguments. This aids in developing a robust and well-supported legal position.
- 2. Draft Generation:** Utilize AI chatbots to generate initial drafts of specific sections of the brief. Provide clear prompts, detailed case summaries, and relevant legal citations for optimal results. Remember that AI-generated content should serve as a starting point and it requires further refinement.
- 3. Citation Management:** Lawyers should review for accuracy and consistency in citations. This is crucial for maintaining credibility and adhering to court requirements.

# REVIEW AND REFINEMENT PHASE

Human oversight is paramount in this phase:

- 1. Legal Accuracy Verification:** Thoroughly review and verify the accuracy of all AI-generated legal analysis, citations, facts, and legal arguments. Cross-reference information with original sources to ensure correctness and contextual appropriateness within the brief.
  - 2. Coherence and Consistency:** Use AI-powered editing tools to improve the clarity, flow, consistency, and style of the brief. Pay attention to terminology, language, and overall organization.
  - 3. Bias Check:** Critically evaluate the brief for any potential biases in the AI-generated content. Ensure objectivity and fairness in the presentation of arguments.
  - 4. Grammar and Style Refinement:** Utilize AI tools for grammar, spelling, and style checks. Ensure the brief adheres to professional writing standards and court requirements.
- Final Quality Check:** Conduct a final, comprehensive review to ensure the brief is accurate, complete, well-organized, and free of errors.



# ETHICAL CONSIDERATIONS AND RISK MANAGEMENT IN USING AI FOR BRIEF WRITING

- 1. Data Security:** Use only approved and secure AI platforms. Implement strict data protection measures and ensure client confidentiality. Avoid inputting sensitive client data into unsecured tools.
- 2. Quality Control:** Implement multiple layers of review, including human oversight, peer review, and AI-powered checks.
- 3. Ethical Compliance:** Regularly check for bias in AI-generated content. Maintain transparency in the use of AI and ensure adherence to ethical guidelines for legal practice.

# AI PROMPTING EXAMPLES

Effective prompting is essential for obtaining useful results from AI tools. In using AI Chatbots, the quality of your prompt will dictate the quality of the AI's response:

- ❑ **Case Law Search:**

- "Analyze [case details] and identify precedents involving [specific legal issue] in [Nigerian jurisdiction] from [time period]."*

- ❑ **Legal Analysis:**

- "Compare the facts of [current case] with [precedent case] focusing on [specific elements relevant to Nigerian law]."*

- ❑ **Argument Development:**

- "Generate a structured argument for [legal position] based on [Nigerian precedent cases] and [Nigerian statutory provisions]."*

- ❑ **Counter-Argument Analysis:**

- "Identify potential counter-arguments to [legal position] and suggest preemptive responses, considering the Nigerian legal landscape."*

# AI TOOLS APPLICABLE TO THE LEGAL BRIEF WRITING PROCESS

- **Legal Research:**

- LexisNexis
- Pavilion GPT, Timi, Primsol GPT
- CasePeer, CaseRadar
- OCR: in PDF.ai, CS Scanner, Mobile Microsoft Insert Feature etc
- Co-Counsel, Clio, EsquireTek,

- AI Chatbots and assistants Like Gemini, ChatGPT, Claude.ai, Deepseek etc

- **Document Review:**

- PDF.ai,
- Gemini,
- ChatGPT,
- Claude.ai,
- Deepseek

- **Writing Enhancement:**

- Grammarly (for grammar and style checking)
- WordRake (for concise legal writing)

# QUALITY CONTROL CHECKLISTS

## 1. Legal Accuracy Checklist:

- All citations independently verified as authentic.
- Case law properly interpreted and applied within the Nigerian context.
- Statutory references accurate and current.
- Legal principles correctly stated.
- Arguments logically structured.
- Relief requested properly framed.

## 2. Technical Quality Checklist:

- Format complies with court requirements.
- Citations in proper format
- Grammar, language and spelling verified.
- Document properly structured and formatted.

## 3. AI Output Review Checklist:

- AI-generated content verified for accuracy.
- No confidential client information exposed.
- Legal analysis double-checked.
- Bias checked and addressed.



# EXPECTED FUTURE DEVELOPMENTS

1. **Integration with Nigerian Legal Databases:** Greater integration of AI tools with comprehensive Nigerian legal databases like LawPavilion will further enhance research capabilities.
2. **Predictive Analytics:** AI could be used to predict case outcomes and assist with strategic planning within the Nigerian legal system.
3. **Collaboration:** Increased collaboration between legal professionals and AI developers will lead to more tailored and effective tools for the Nigerian legal market.

# CONCLUSION

AI offers significant potential for enhancing, expediting and standardizing legal brief writing for legal professionals. However, its effectiveness requires careful implementation, ongoing oversight, and a clear understanding of its limitations. Success in the use of AI for legal brief writing lies in viewing AI as a complement to, rather than a replacement for, human legal expertise. By embracing AI strategically and ethically, legal practitioners can improve efficiency, accuracy, and the overall quality of their legal briefs, ultimately better serving their clients.

**THANK YOU**