



PB INSTITUTE OF RESEARCH AND TECHNOLOGY

P.O Box 21457-00100

Nairobi - Kenya

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AI-Assisted Legal Research, Drafting and Judicial Analysis

Duration: 5 days

On-Site

01 Who Should Attend

- Court administrators
- Legislative counsel and parliamentary legal officers
- Legal academics and researchers
- Corporate lawyers and in-house counsel
- Compliance and regulatory professionals
- Law reform and policy professionals
- Legal technology specialists
- ICT and digital transformation teams within justice institutions
- Senior legal and judicial administrators

02 About the Course

The **AI and Generative Tools in Legal Practice and Judicial Decision-Making Training Course** equips legal and judicial professionals with the knowledge and practical skills to understand, evaluate, and responsibly use artificial intelligence and generative AI technologies in legal environments. The course explores how AI can support legal research, case analysis, document review, drafting, judgment preparation, legal correspondence, knowledge management, and administrative processes. It also addresses critical risks, including inaccurate or fabricated legal authorities, algorithmic bias, confidentiality breaches, data protection concerns, intellectual property issues, lack of transparency, and over-reliance on automated outputs. Participants will learn practical approaches for integrating AI into legal workflows while maintaining **human oversight, professional ethics, judicial independence, confidentiality, accuracy, and accountability.**



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03 Workshop Objectives

- Understand the fundamental concepts of Artificial Intelligence, Machine Learning, and Generative AI relevant to legal practice.
- Learn about various AI tools available for legal research, e-discovery, and document review.
- Develop proficiency in using generative AI for drafting legal documents, summaries, and arguments.
- Understand the critical aspects of ethical considerations, algorithmic bias, and responsible AI deployment in legal and judicial contexts.
- Identify the critical role of human oversight and critical thinking in AI-driven legal and judicial processes.
- Understand the implications of AI in judicial decision-making and court administration.
- Drive the implementation of innovative AI strategies for improved legal service delivery and justice outcomes.

04 Module Topics

Module 1: Foundations of AI in the Legal Sector

- ▶ ??? Defining Artificial Intelligence, Machine Learning, and Natural Language Processing (NLP)
- ▶ ??? The evolution of AI and its transformative impact on legal practice and the judiciary
- ▶ ??? Understanding the capabilities and limitations of current AI tools in legal contexts
- ▶ ??? Key AI applications: automation, prediction, analysis, generation
- ▶ ??? The symbiotic relationship: AI as an assistant for legal professionals

Module 2: AI for Legal Research & Discovery



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- ??? Leveraging AI-powered legal research platforms for faster, more comprehensive results
- ??? Using machine learning for e-discovery, document review, and privilege detection
- ??? Predictive coding and technology-assisted review (TAR) for large datasets
- ??? Identifying relevant precedents and legal arguments with AI assistance
- ??? Advanced search techniques and data querying in AI legal databases

Module 3: Generative AI for Legal Document Creation

- ??? Utilizing Large Language Models (LLMs) for drafting contracts, briefs, and memos
- ??? Generating summaries of complex legal texts and case files
- ??? Crafting persuasive arguments and legal opinions with AI assistance
- ??? Personalizing communication at scale for clients and stakeholders
- ??? Fact-checking and ensuring accuracy of AI-generated legal content

Module 4: AI in Judicial Decision-Making & Court Administration

- ??? Understanding predictive analytics in bail, sentencing, and case outcomes (with caveats)
- ??? AI for case management, scheduling, and resource optimization in courts
- ??? Automated transcription and real-time translation in court proceedings
- ??? Ethical considerations of AI in judicial discretion and fairness
- ??? The future of the judiciary: human judges complemented by AI tools

Module 5: Ethical AI, Bias & Accountability in Law

- ??? Identifying and mitigating algorithmic bias in legal AI systems
- ??? Data privacy, confidentiality, and security challenges with AI tools
- ??? Accountability for AI-driven errors and responsible AI deployment
- ??? Transparency and explainability in AI models for legal scrutiny
- ??? Regulatory and professional ethical guidelines for AI use in law

Module 6: AI for Contract Analysis & Compliance



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- ▶ ??? Automated contract review for key clauses, risks, and obligations
- ▶ ??? Using AI for due diligence in M&A and regulatory compliance
- ▶ ??? Extracting specific information and entities from legal documents
- ▶ ??? Monitoring regulatory changes and assessing their impact with AI tools
- ▶ ??? Developing AI-powered compliance frameworks

Module 7: Data-Driven Insights & Legal Analytics

- ▶ ??? Applying statistical analysis and data visualization to legal data
- ▶ ??? Identifying trends in litigation, case outcomes, and judicial behavior
- ▶ ??? Predictive analytics for litigation outcomes and settlement strategies
- ▶ ??? Using legal analytics for competitive intelligence and strategic planning
- ▶ ??? Presenting complex legal data insights to non-legal stakeholders

Module 8: Implementing AI Tools & Future Trends

- ▶ ??? Assessing organizational readiness for AI adoption in legal practice
- ▶ ??? Selecting, piloting, and integrating AI tools into existing workflows
- ▶ ??? Training legal teams on ethical and effective AI usage
- ▶ ??? Measuring the ROI and impact of AI adoption in legal departments and courts???

Measuring the ROI and impact of AI adoption in legal departments and courts

- ▶ ??? Staying updated on emerging AI technologies and their transformative applications in law