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# New Jersey Courts

## Mission Statement:

- We are an independent branch of government constitutionally entrusted with the fair and just resolution of disputes in order to preserve the rule of law and to protect the rights and liberties guaranteed by the Constitution and laws of the United States and this State.

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# New Jersey Courts

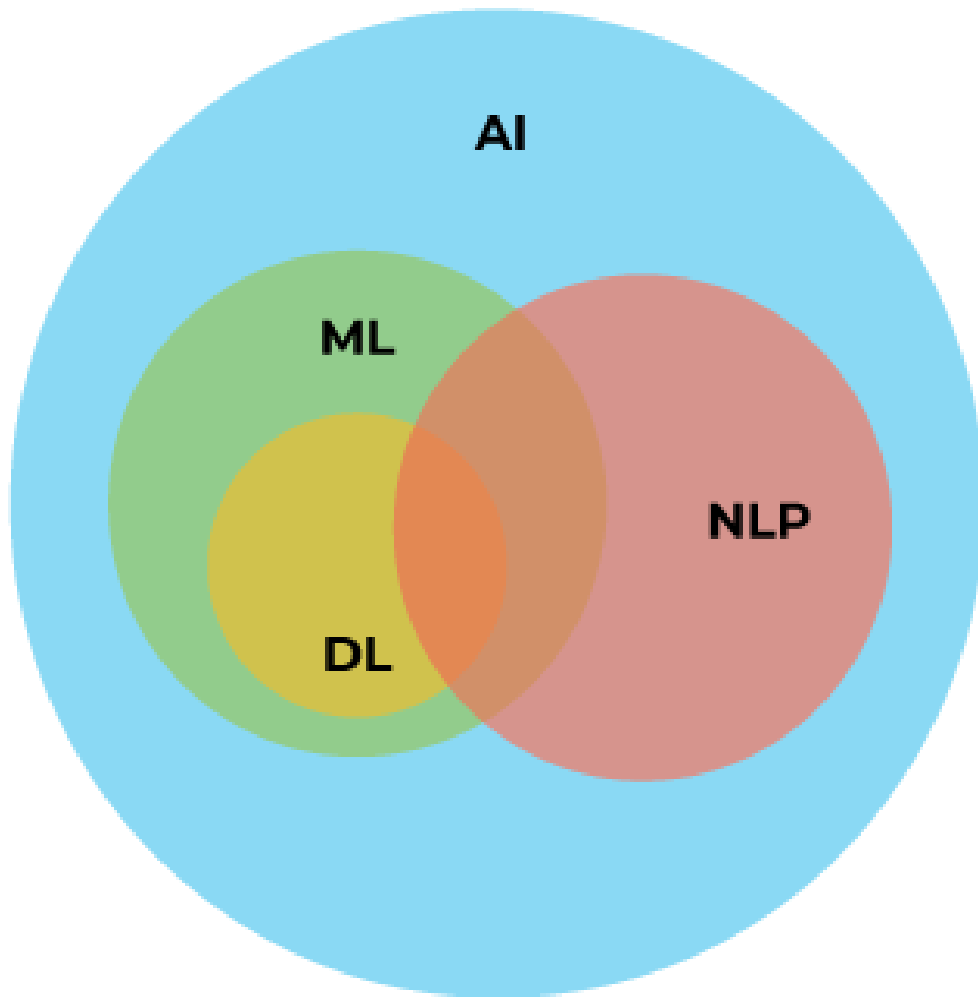
## Vision Statement:

- We will be a court system, characterized by excellence, that strives to attain justice for the individual and society through the rule of law. We will:
- Provide equal access to a fair and effective system of justice for all without excess cost, inconvenience, or delay, with sensitivity to an increasingly diverse society.

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# Terms & Concepts

- **Artificial Intelligence** includes an array of technologies that perform functions based on simple, rule-based systems to complex, self-learning algorithms. Examples include recommendations of products or services based on prior use history (e.g., Netflix or Amazon).
- **Generative AI** refers to Large Language Models (LLM) that generate text, images, and other content based on review of prior information in the dataset.



- Artificial Intelligence
- Machine Learning
- Language Processing
- Deep Learning

# Humans and AI Do Not See Data in the Same Way



**AI** builds up from details.



**Humans** fill in the missing details with experience

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# Terms & Concepts

- **Hallucinations** refer to instances in which an AI model generates content that is incorrect or nonsensical due to limitations in the model's understanding, biases in the dataset, or errors in the processing pipeline.

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# Key Terms

- **Retrieval Augmented Generation (RAG)** involves forcing the AI to develop answers based on real datasets as opposed to open, contradictory datasets. This method can prevent hallucinations. Further, a secure, in-house RAG model avoids the information leakage concerns of a public AI model.





# The **AI** Wave Will Not Recede for You



A red emergency light with a black base is shown on the left side of the slide. The background is a deep blue with a subtle pattern of binary code (0s and 1s) at the bottom. The light is illuminated, casting a warm glow.

# Threats to AI success

- ✓ Cost
- ✓ Security
- ✓ Hallucinations

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# Emerging Technologies

- AI is accessible and easy enough for a child to use.



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# Emerging Technologies

- AI technologies are increasingly able to create content that is difficult (if not impossible) to distinguish.
- Low-tech options, like private code words used to convey or confirm that a message is real, can be effective to prevent potential risks.





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# A2J Benefits of AI

- Universal access to quick information in a plain language, no-expertise-needed format
- Ability to create 'legally compliant' documents
- Interpretation and translation – to facilitate access

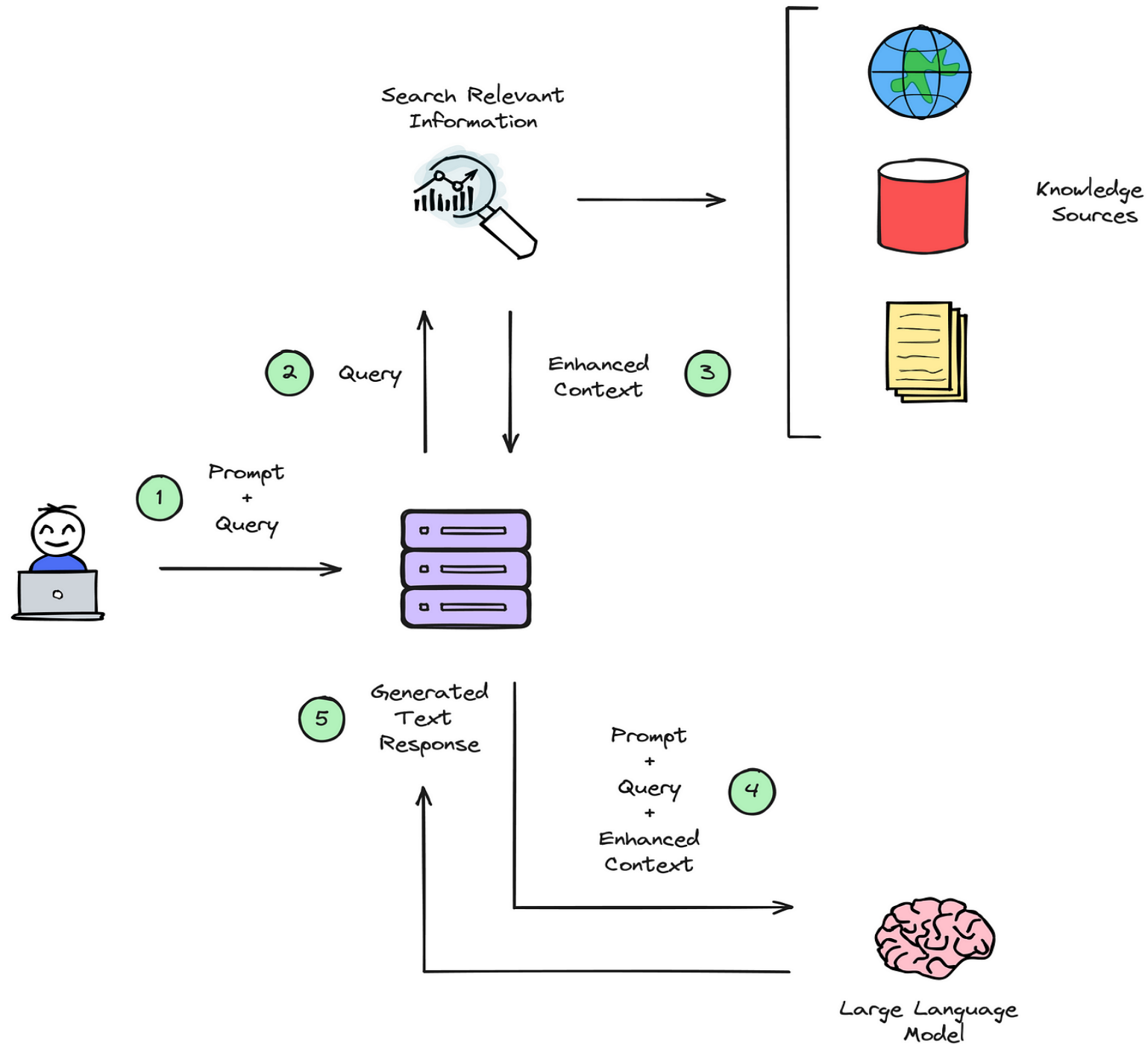
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# A2J Risks of AI

- Universal access to quick information **of questionable reliability** in a plain language, no-expertise-needed format
- Ability to create 'legally compliant' **but sometimes improper** documents
- Interpretation and translation – to facilitate access **or mask misunderstanding**

# Retrieval Augmented Generation



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# Foundational Differences

	Public AI Model	Internal
<b>Accessibility</b>	Broadly accessible	Restricted (authenticated users)
<b>Data Integration</b>	Public data	Proprietary data (internal, including confidential)
<b>Customization</b>	Generalized	Highly customizable
<b>Security</b>	Not secure	Secure



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# Supreme Court Action – January 2024

- [Preliminary Guidelines on the Use of Artificial Intelligence by New Jersey Lawyers](#)
- Issued January 25, 2024, effective immediately
- Detailed overview of ethical considerations
- No immediate amendments to any RPCs
- Questions and comments, including as to specific AI use cases: [Court-Use-of-AI.mbx@njcourts.gov](mailto:Court-Use-of-AI.mbx@njcourts.gov)

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# Additional Resources on AI

NJ Courts webpage: [njcourts.gov/attorneys/artificial-intelligence-use-courts](https://njcourts.gov/attorneys/artificial-intelligence-use-courts)

- New Jersey Judiciary AI Resources
  - [The Importance of Artificial Intelligence – NJ Judiciary](#) (July 2024)
  - [Glossary of AI Terms](#)
  - [PowerPoint – Legal Ethics & Artificial Intelligence: Guidance for New Jersey Lawyers](#) (July 24, 2024)

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# Additional Resources on AI

- Additional Non-Judiciary Resources
  - [Artificial Intelligence: The Need for State Court Leadership – NCSC 2024 State Court Trends \(Kattalai and Lewis Kelly\)](#)
  - [Artificial Intelligence Case Law Compendium by Ronald J. Hedges](#) (Jan. 2024) (this is not an NJ Judiciary document)
  - [Report of the New Jersey State Bar Association Task Force on Artificial Intelligence \(AI\) and the Law](#) (May 2024) (this is not an NJ Judiciary document)