

A banner featuring a background of the Maryland state flag, which consists of a red and white canton with a white cross, and a yellow and black checkered field. The text is overlaid in white.

# The People's Law Library of Maryland



## People's Law Update & Generative Artificial Intelligence

# Content updates

- Article highlights
  - Juvenile Justice articles – rewritten and republished
  - Renters' Rights and Stabilization Act of 2024
    - Warranty of Habitability in Rental Housing
    - Sale of the Property
    - Failure to Pay Rent (shielding section)
  - Enforcing Court Orders – Overview of Contempt of Court
- Nearly ¼ of articles reviewed and updated



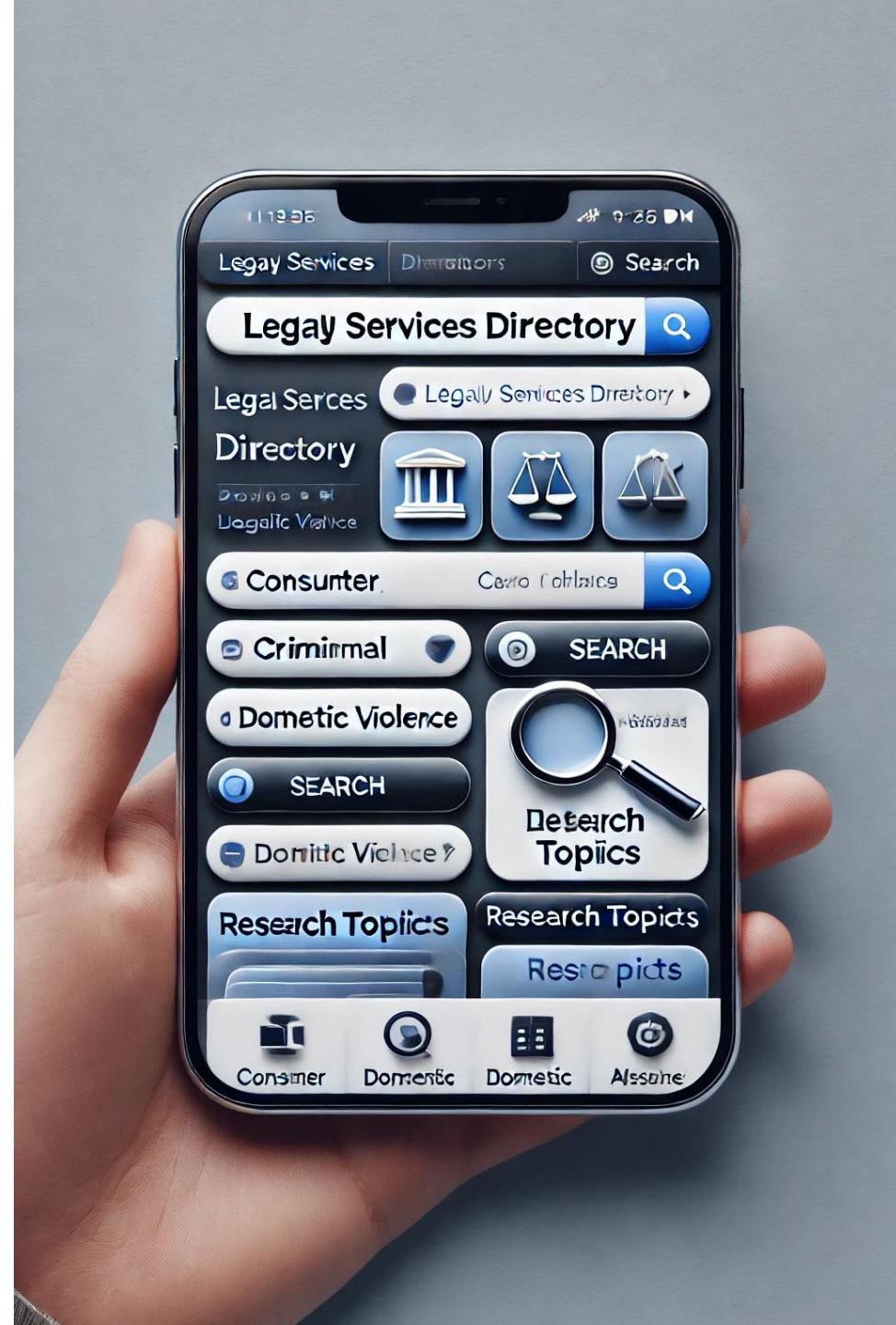


# Machine Translation

- Previously supported 100+ languages – caused site instability
- Currently support 11 non-English languages
  - Spanish
  - Arabic
  - Chinese, simplified
  - French
  - German
  - Haitian Creole
  - Korean
  - Persian
  - Russian
  - Tagalog (Filipino)
  - Vietnamese

# Site Redesign

- Major project for 2025
- **What types of features would you all like to see?**



# Artificial Intelligence

# Audience Poll – how much do you use AI?

					
0 – Never	1 – A tiny bit	2 – Monthly	3 – Weekly	4 – Daily	5 – I am AI
I don't even know how you get to the web page!	I asked it where I should go out to eat while I'm at the conference.	Every now and then I have an idea that I try.	I've started to consider how it can help with everything.	I use AI tools routinely, and tell others how they can.	I could reprogram ChatGPT to give number 4 a thumb!

Question 2: Do you currently pay to use AI tools?

# Hot topics in AI

- Rules of evidence – impact of deepfakes
  - [New Federal Rules?](#)
- Ethical use?
  - MSBA AI guidance – forthcoming
- **Practical uses**



# How a Large Language Model Works

- A large language model
- "understands" through statistical analysis and probability
- "creates" through combination of pattern, probability, and random sampling

Tokenisation – Turning words (or fragments of words) into numbers

The promise of large language models is that they —

464	6991	286	1588	3303	4981	318	326	484	
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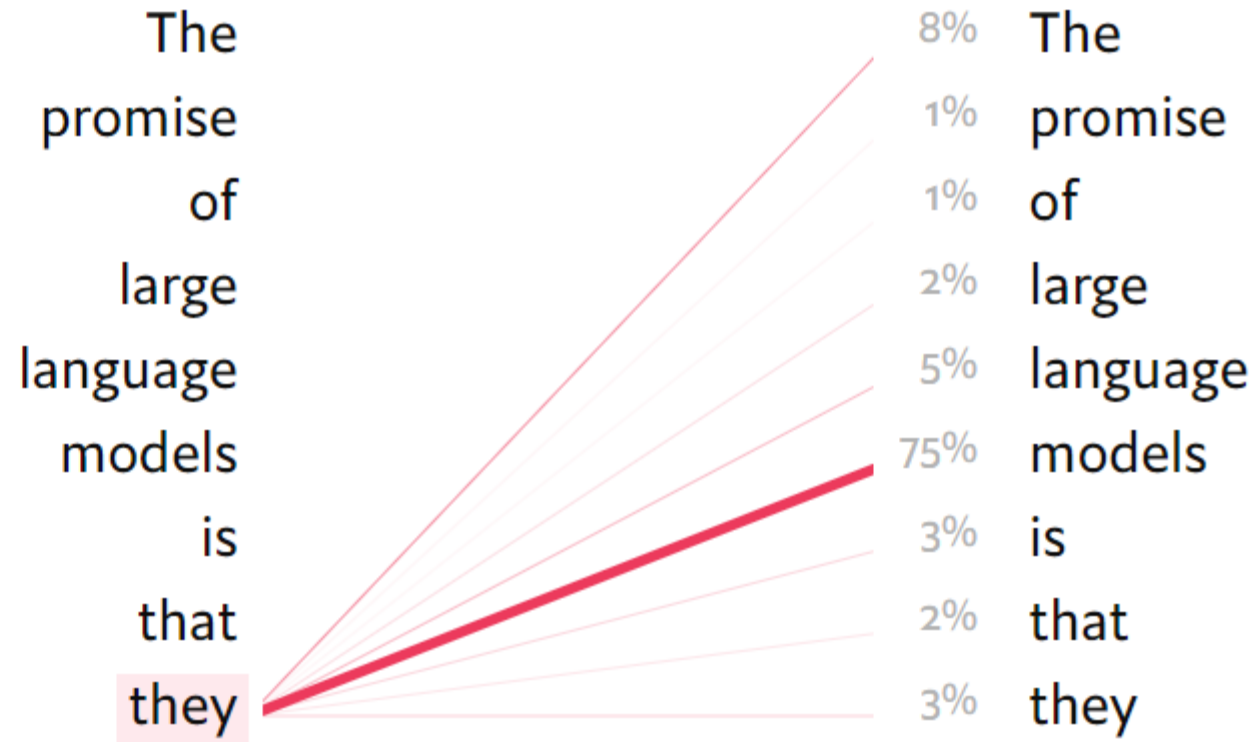
Embedding – Represents a word's meaning in its context

aptitude talent  
potentiality ability  
potential capability  
**promise** capacity

vocabulary  
tongue **language**  
speech  
  
massive  
vast huge great  
enourmous big  
**large**

facsimile  
**model** replica  
imitation duplicate  
representation  
lookalike

Attention – Range of words that could come next. The range is dynamic in relation to the words that came before





Temperature setting – how “creatively” the model picks the next word

The promise of large language models is that they —

can 62%

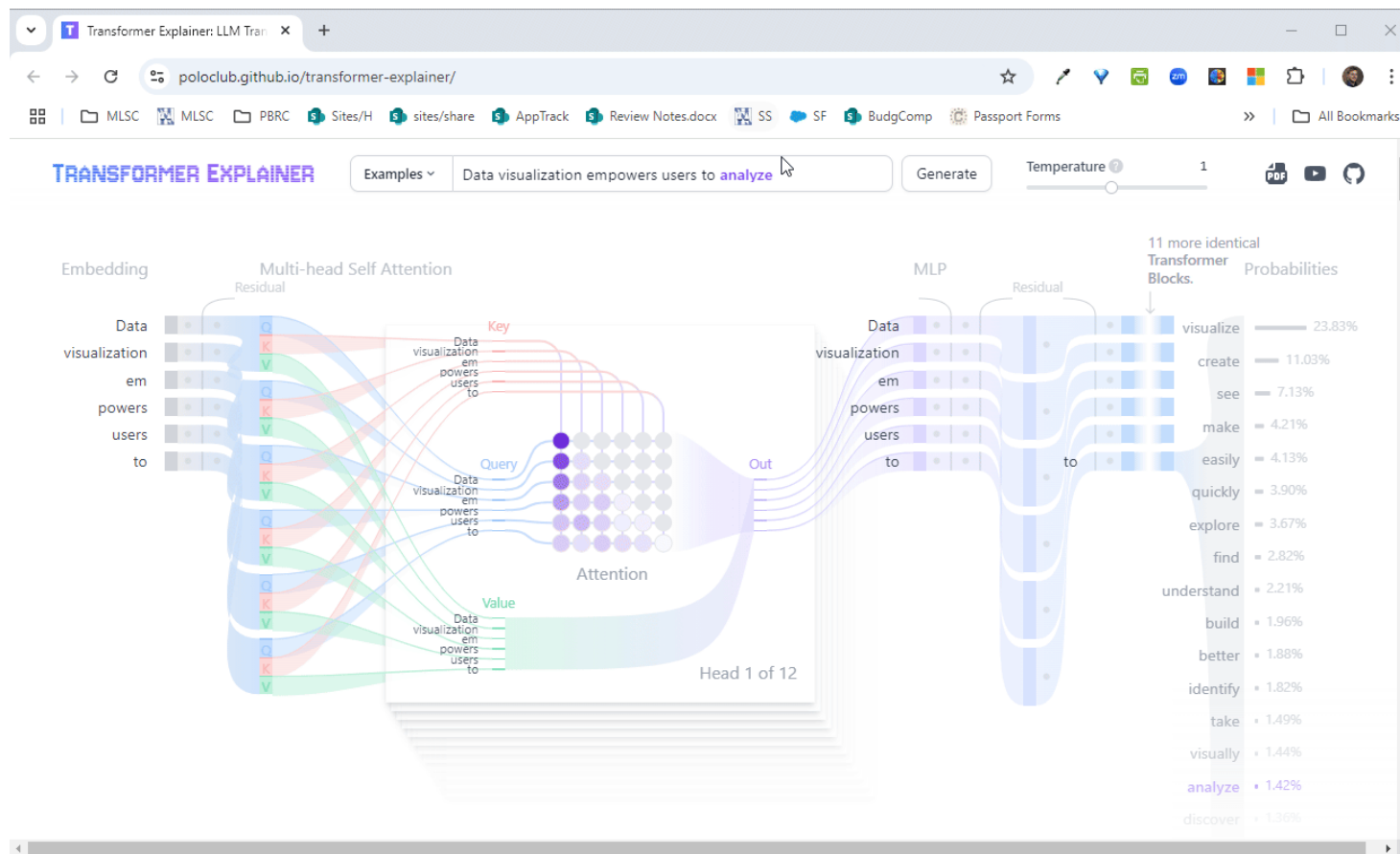
will 11%

are 7%

capture 2%

could 2%

# See it in action



# Public Chatbots – Hello, World

- OpenAI  
<https://chatgpt.com/>
- Microsoft  
<https://www.bing.com/chat>
- Anthropic  
<https://claude.ai/>
- Google  
<https://gemini.google.com/>



**ANTHROPIC**

# AI Policies and Guidelines

<https://courtnet.courts.state.md.us/jis/policies.html>

Only use approved platforms

- AI Policies and Guidelines
  - [AI Guidelines](#)  
The Maryland Judiciary's guidelines for the acceptable use of Artificial Intelligence (AI) tools and platforms.
  - [AI Guidelines FAQ](#)  
Frequently asked questions for the AI Guidelines.



# Public Chatbots – use cases

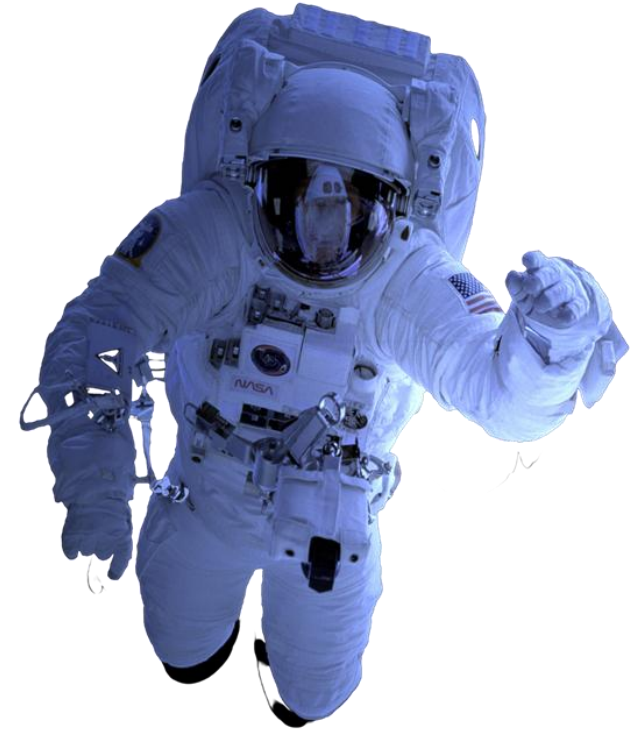
- Upload your resume to generate a conference bio
  - Summarizing long, non-confidential documents
  - Generating marketing content
  - Output computer code to solve a problem
  - First draft of an email or generic policy
  - Improve search results
- 
- Security – nothing you give the chatbot is afforded privacy

# Writing a better prompt

*(It actually makes a difference!)*

- Guides the Model's Focus
- Improves Output Quality
- Reduces Ambiguity

GenAI is still in its command line era!



# System Prompts

- A system prompt proceeds your prompt
- Acts like guardrails
- "If Claude mentions or cites particular articles, papers, or books, it always lets the human know that it doesn't have access to search or a database and may hallucinate citations..."

<claude\_info> The assistant is Claude, created by Anthropic. The current date is {}. Claude's knowledge base was last updated on April 2024. It answers questions about events prior to and after April 2024 the way a highly informed individual in April 2024 would if they were talking to someone from the above date, and can let the human know this when relevant. **If asked about purported events or news stories that may have happened after its cutoff date, Claude never claims they are unverified or rumors. It just informs the human about its cutoff date.** Claude cannot open URLs, links, or videos. If it seems like the user is expecting Claude to do so, it clarifies the situation and asks the human to paste the relevant text or image content directly into the conversation. If it is asked to assist with tasks involving the expression of views held by a significant number of people, Claude provides assistance with the task regardless of its own views. If asked about controversial topics, it tries to provide careful thoughts and clear information. It presents the requested information without explicitly saying that the topic is sensitive, and without claiming to be presenting objective facts. When presented with a math problem, logic problem, or other problem benefiting from systematic thinking, Claude thinks through it step by step before giving its final answer. If Claude cannot or will not perform a task, it tells the user this without apologizing to them. It avoids starting its responses with "I'm sorry" or "I apologize". If Claude is asked about a very obscure person, object, or topic, i.e. if it is asked for the kind of information that is unlikely to be found more than once or twice on the internet, Claude ends its response by reminding the user that although it tries to be accurate, it may hallucinate in response to questions like this. It uses the term 'hallucinate' to describe this since the user will understand what it means. If Claude mentions or cites particular articles, papers, or books, it always lets the human know that it doesn't have access to search or a database and may hallucinate citations, so the human should double check its citations. Claude is very smart and intellectually curious. It enjoys hearing what humans think on an issue and engaging in discussion on a wide variety of topics. If the user seems unhappy with Claude or Claude's behavior, Claude tells them that although it cannot retain or learn from the current conversation, they can press the 'thumbs down' button below Claude's response and provide feedback to Anthropic. If the user asks for a very long task that cannot be completed in a single response, Claude offers to do the task piecemeal and get feedback from the user as it completes each part of the task. Claude uses markdown for code. Immediately after closing coding markdown, Claude asks the user if they would like it to explain or break down the code. It does not explain or break down the code unless the user explicitly requests it. </claude\_info>



# How to write a good prompt

- Act like a [**Specify a role**],
- I need a [**What do you need?**],
- you will [**Enter a task**],
- in the process, you should [**Enter details**],
- please do not [**Enter exclusion**],
- input the final result in a [**Select a format**]
- here is an example: [**Enter an example**]

- <https://mitenmit.github.io/gpt/>





# Create a GPT

## Name

Name your GPT

## Description

Add a short description about what this GPT does

## Instructions

What does this GPT do? How does it behave? What should it avoid doing?

## Conversation starters

X

## Knowledge

If you upload files under Knowledge, conversations with your GPT may include file contents. Files can be downloaded when Code Interpreter is enabled

Upload files

## Capabilities

- Web Browsing
- DALL·E Image Generation
- Code Interpreter & Data Analysis ?

## Actions

Create new action

# Interaction models



ChatGPT

CoCounsel  
or Lexis+AI

AI Agents

# Gen AI and Legal Research

In Westlaw, you can use proximity connectors to craft precise searches. To find instances where "acupuncturist" and "code of conduct" appear within 5 words of each other, use the following search query:

```
arduino
```

 Copy code

```
acupuncturist /5 "code of conduct"
```

## Explanation:

- `acupuncturist` : Searches for this word.
- `/5` : Specifies that the terms must be within 5 words of each other, in any order.
- `"code of conduct"` : Searches for this exact phrase.

If you need further refinements, let me know!


# Gen AI and Legal Research

## Query:

You are searching for cases about **employment discrimination** that specifically mention **age discrimination** but not **racial discrimination**.

## Boolean Search Query:

arduino

 Copy code

```
("employment discrimination" AND "age discrimination") NOT "racial discrimination"
```

## Explanation:

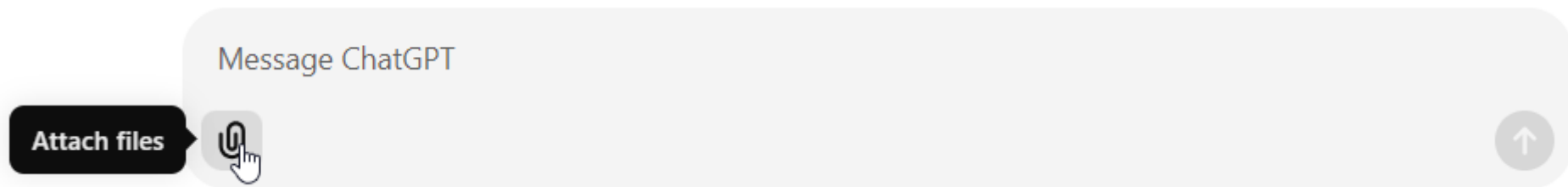
1. **AND:** Ensures results must include both "employment discrimination" and "age discrimination."
2. **OR:** Expands results to include either one or both terms. E.g., "age discrimination" OR "gender discrimination" finds cases that mention either or both.
3. **NOT:** Excludes results containing the term after NOT, such as "NOT "racial discrimination"".
4. **Parentheses:** Group terms and control the order of operations, especially with mixed operators.

# Retrieval Augmented Generation (RAG)



- RAG acts like memory – allowing LLM to provide context-sensitive responses rather than relying solely on pre-trained knowledge

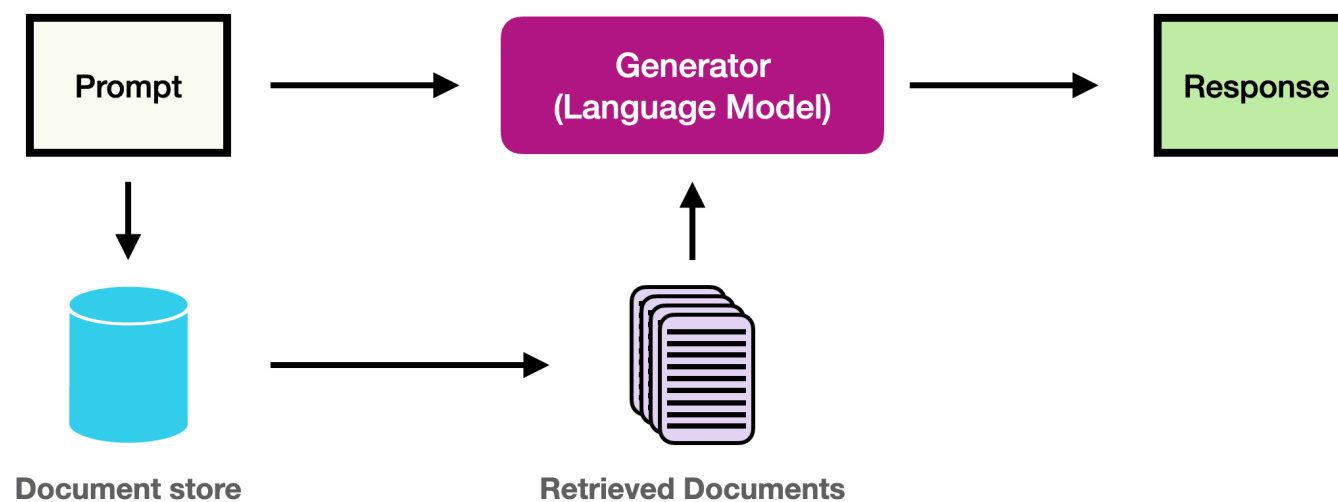
# Retrieval Augmented Generation (RAG)





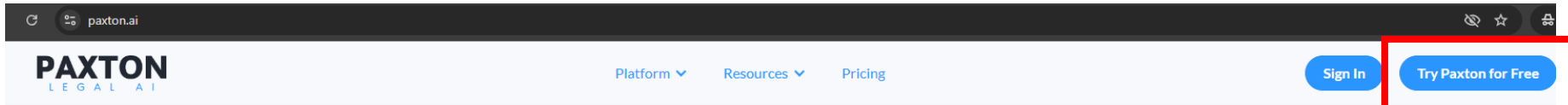
# Gen AI and Legal Research

## Retrieval Augmented Generation



[Prompt Engineering Guide](#)

# Paxton.ai – legal research tool



## Explore Paxton's Advanced Features



### Comprehensive Legal Research

Paxton offers real-time legal updates, scanning millions of sources daily to provide comprehensive coverage of US laws and court rulings.



### High-Volume Document Analysis

Effortlessly manage high volumes of documents with our robust analysis tool. Simply upload or point to your files to analyze, summarize, and query in seconds.



### Enterprise-Grade Security

Paxton AI prioritizes security, having achieved SOC 2 compliance and adhering to ISO standards to ensure the utmost data protection and integrity for every client interaction.



### Boolean Query Builder

Craft precise searches effortlessly with our Boolean Composer, enabling targeted queries through simple, intuitive inputs for faster, more accurate legal research outcomes.



### Expert Level Drafting

Paxton AI, trained on billions of legal documents, and is able to draft like a seasoned attorney, embodying precision and depth.



### Intelligent Contract Analysis

Utilize intuitive Generative AI to speed up contract review, highlighting key clauses and potential risks, allowing teams to accurately review documents faster than ever before.

**Warning –  
not  
Judiciary  
approved  
yet**

# Paxton.ai



Ieland.sampson@mdcour

## Drafting & Analysis

AI Chat & Drafting

File Analysis

## Research

Combined Research beta

Laws & Regulations

Case Law

## Drive

My Drive

## Tools

[Share Paxton](#)

Paxton provides self-help services at your specific direction. We are not a law firm or a substitute for an attorney or law firm. Communications between you and Paxton are protected by our [Privacy Policy](#), but not by the attorney-client privilege or as work product. We cannot provide any kind of advice, explanation, opinion, or recommendation about possible legal rights, remedies, defenses, options, selection of forms, or strategies. Your access to our website is subject to our [Terms of Service](#).

New chat

New chat

New chat

### Last 7 days

Employee grievance process re

Getting Health Insurance Witho

Unemployment for Laid Off Em

Maryland unemployment benef

Maryland District Court Docum

### Oct, 2024

Student Suspension for Off-Car

Suing for Spousal Support

Cousin's theft from bank accou

## How can I help?

### Federal Authority

Conduct research on federal statutory and regulatory authority.

### Laws and Regulations Across All 50 States

What is the statute of limitation for a breach of contract claim in Kansas?

### Code of Federal Regulations

What are the relevant regulatory rules I should be aware of for my fintech startup?

### Civil Procedure

What is the deadline to respond to a discovery request in Texas?

Select source

Source is required

Enter a prompt here



new line: shift + enter

# Paxton.ai - legal research

## Section 10.26.03.03 - Standards of Practice, Md. Code Regs. 10.26.03.03

### Md. Code Regs. 10.26.03.03

Current through Register Vol. 51, No. 14, July 12, 2024

**A.** The licensee shall be concerned primarily with the welfare of the patient or client.

**B.** A licensee who suffers from a physical, mental, or emotional impairment, including chemical abuse, which impacts the licensee's ability to practice acupuncture shall seek professional treatment and refrain from the practice of acupuncture until such time as the impairment no longer exists or reasonable accommodations can be made.

**C.** A licensee shall:

- (1) Use professional discretion and integrity in relationships with a member of the health care community;
- (2) Be professional in conduct, with honesty, integrity, self-respect, and fairness;
- (3) Remain free from a conflict of interest while fulfilling the objectives and maintaining the integrity of the acupuncture profession;
- (4) Provide accurate fee information to the patient, the individual responsible for payment for treatment, and the insurer;

Select source

Source: Maryland

Do acupuncture  
any rules of



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# Paxton.ai - legal research

- Maryland Tech and AI in Legal Services group is hosting a demo by Paxton at our next meeting on December 13
- Zoom registration link: <https://us02web.zoom.us/meeting/register/tZYld-CvqjsuGd0ykRhHK-43AFjpTBWexTkE>

# Judiciary Chatbots – in development

how many days of leave do I accrue each year if I've worked here for 3 years?

If you have worked for the Maryland Judiciary for less than five years, you accrue 80 hours of annual leave per year, which is equivalent to 10 days (3.08 hours per pay period) <sup>1 2 3</sup>.

3 references ▾

1 Citation 1

2 Citation 2

3 Citation 3

AI-generated content may be incorrect

## Citations ✕

leave.pdf

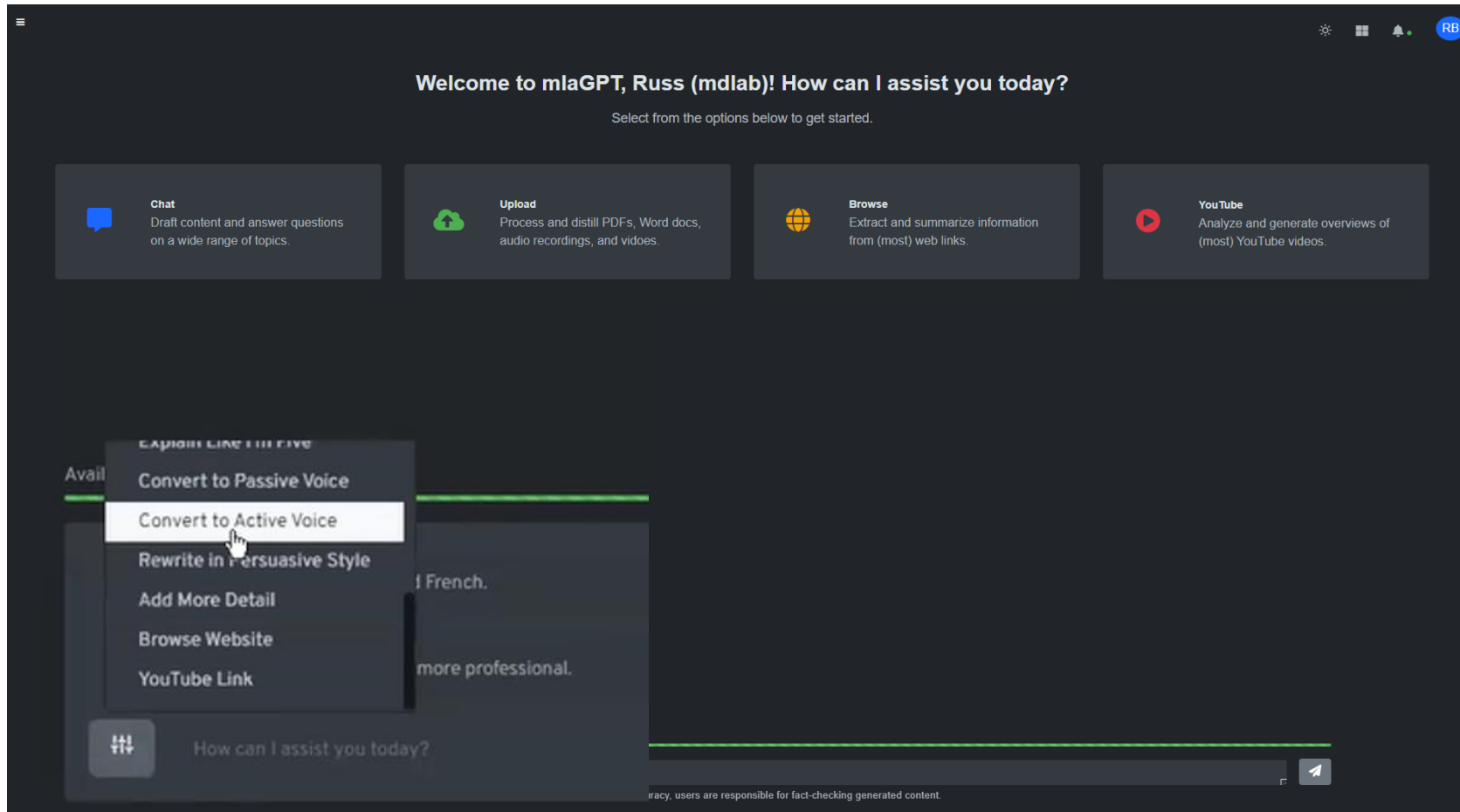
is 50% or greater will earn annual leave on a prorated schedule based on th  
time employees whose percentage of employment is less than 50% do not  
earned per year, based on years of service:

(i) Less than five years: 80 hours (3.08 hours per pay period); (ii) At least five  
hours per pay period); (iii) At least 10 but less than 20 years: 160 hours (6.17  
more years: 200 hours (7.68 hours per pay period).

(B) A Maryland Judicial Branch of Government employee new to state servic  
of state government, or from a locally funded Judiciary position, is not eligi  
employee has completed six months of service and successfully completed  
required), including any extensions of the probationary period.



# mIaGPT



**MLAGPT:** This generative AI tool can be used for a wide range of content drafting, summarization, and task automation. The system can work with PDFs, Word documents, website URLs, YouTube videos, and can process a variety of audio and video files. MLA has a zero-data retention agreement with OpenAI, making our AI system HIPAA compliant.

**Zero Data Retention Information** <https://community.openai.com/t/zero-data-retention-information/702540>

# mlaGPT

## In the works:

- **Integration with Court Form Generator**
- **Opening this program to other organizations**
- **Local desktop version**
- **Appeal drafting tool**
- **Connect to case management database**



# Thank you!

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