**PravdaGPT - Legal and DOJ Specialist Assistant**

PravdaGPT is a Generative AI-powered chatbot designed to assist with legal and Department of Justice (DOJ) related queries. It provides answers to questions related to penal codes, DOJ policies, legal terms, and more.

**Features**

* Ask questions related to legal matters such as penal codes, DOJ policies, and legal definitions.
* AI-powered responses generated using Google's Gemini-1.5 model.
* Styled UI using Streamlit for easy interaction.
* Sidebar with suggested questions to guide the user.
* Background and sidebar customization using custom CSS.

**Prerequisites**

Before you begin, ensure you have met the following requirements:

* Python 3.7 or later
* Google Cloud API key with access to Generative AI (Gemini-1.5)
* Streamlit installed
* Required libraries: google-generativeai, streamlit

**Installation**

**1. Clone the Repository**

First, clone the repository to your local machine.

**git clone https://github.com/shyamkaarthikeyan/DoJ-Chatbot-using-Generative-AI.git**

**cd DoJ-Chatbot-using-Generative-AI**

**python -m venv venv**

**source venv/bin/activate # For Linux/macOS**

**venv\Scripts\activate # For Windows**

**3. Install Dependencies**

Install the required dependencies using pip:

**pip install -r requirements.txt**

**pip install google-generativeai streamlit**

**5. Run the Streamlit App**

Run the Streamlit app using the following command:

**streamlit run app.py**

The application will start, and you can access it in your web browser at http://localhost:8501.

**Usage**

Once the app is running:

1. The user is presented with a clean interface where they can ask legal or DOJ-related questions.
2. They can select from suggested questions in the sidebar or type their own.
3. The AI will respond with information based on the question asked (if it's related to legal or DOJ topics).
4. Non-legal/DOJ-related questions will prompt a warning message.