

ABSTRACT

In India, many marginalized communities face challenges in accessing legal resources and understanding complex legal documents due to language barriers and limited literacy. To address this issue, we introduce "Legal Lens," a multilingual AI Chatbot designed to provide accessible legal insights in native languages.

Legal Lens leverages natural language processing (NLP) and machine learning (ML) techniques to overcome language barriers, empowering individuals to navigate the legal landscape confidently. The project incorporates advanced NLP algorithms such as Named Entity Recognition (NER), sentiment analysis, and machine translation to deliver accurate and accessible legal information in Tamil, English, and Hindi. Key features of Legal Lens include multilingual support, language translation, NLP-based keyword extraction, data retrieval, and a user-friendly interface developed using Streamlit, Flask, HTML, CSS, and JavaScript. By providing access to legal information in native languages, Legal Lens aims to improve legal literacy, promote social empowerment, and contribute to a more just and informed society. With Legal Lens, we envision a future where legal information is accessible to all, fostering a more equitable and just society.