Mental Health Chatbot

Objectives

- **Create a chatbot for personalized mental health support using advanced NLP algorithms.**

Technologies

- ○ **Meta's Llama2 model**
- ○ **LangChain**
- ○ **Streamlit**

Workflow

- Create LangChain agent using SerpApi
- Get User Prompt and pass it to the Agent to fetch relevant web knowledge
- Create a Prompt Template

Workflow Continued …

- Send the Prompt with web knowledge and user input to ChatGPT
- Store Chat History
- Show the chat on Streamlit dashboard

Applications

- Immediate Emotional Support: Offer immediate, round-the-clock emotional support for individuals experiencing stress or anxiety.
- Therapy Assistance: Serve as a supplementary tool for mental healthcare professionals to monitor patient progress.

Applications

- **Educational Institutions: Provide mental health resources and immediate support for students dealing with academic and social stress.**

- **Crisis Intervention: Act as a first-line support to guide individuals to appropriate emergency services.**

Thank you & Welcome