

2. IITD Buddy: Intelligent Campus Navigator

Problem Statement:

Design an AI assistant to enhance student life at IIT Delhi. It should provide guidance on academics, mentorship, hostel facilities, campus events, local hotspots, and more, with room for your creativity to add unique features. Create a solution that simplifies campus navigation and enriches the student experience.

Methodology:

1. Get familiar with LLM APIs like Groq
2. Accumulate data points like: Courses of Study, the BSW Website, Yash Aggarwal sir's resources, Department Sites or Google Drives, Youtube Video Transcripts, Professors Web Pages (Load them normally in text format; for starting don't mess up your mind with formatting)

(Note: Start with small database and slowly we can add more!)

3. Use Qdrant to make a search database
4. Get relevant RAG information from the database and give it to LLM as context to generate the answer.