

PubMed ChatBot

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*“I ain’t no physicist but I knows what matters.”
– Popeye the Sailor*

We are suffering because of knowledge. We are overwhelmed in a way humanity has never faced before: TOO MUCH INFORMATION. The challenge today isn’t ignorance; it’s excess. In a world where countless sources offer conflicting insights, distinguishing what truly matters has become harder than ever.

My project focuses on building an AI-powered system that retrieves and answers medical questions using research papers from PubMed.

If you ask any medical-related question, the PubMed_ChatBot will:

1. Generate relevant keywords
2. Search the PubMed database for the most relevant articles
3. Use AI to generate an answer that includes recommended research papers based solely on credible sources from PubMed.

This ensures that every response is backed by scientific literature rather than opinions or unverified information.

This is important for decision-making because it allows healthcare professionals, researchers, and even patients to make informed choices based on reliable, peer-reviewed studies. Instead of spending hours searching through PubMed manually, users can get precise, research-backed answers instantly.

In the future, I plan to integrate different AI models with reasoning capabilities to better understand human needs and provide even more context-aware responses. This will help refine decision-making by not only offering factual information but also tailoring insights based on user intent, ultimately improving how we access and use medical knowledge.