AI Consultant's Project: Recommending Research on Lithiumion Batteries

Speaker 1 (00:02)
Nausea I want to talk about another project that I worked on during the days I was freelancer let's say an AI consultant So this project was a bit smaller project on the agent AI front So when a user enters in a query right it's mostly your research or a technology or any sort of query the system Had to recommend different types of research or innovations that they could carry out In using you know in whatever domain or whatever keyword that they mentioned so for example if they say lithiumon batteries right so

Speaker 2 (00:53)
The

Speaker 1 (00:54)
The product that we were that I worked on he was supposed to give 5 to 6 recommendations on different types of research that somebody could perform on lithiayon batteries you know or For products that they could build with lithiay batteries I mean future I mean

Speaker 2 (01:20)
So

Speaker 1 (01:22)
When a user enters a query I'd built a system which would go and look at existing patterns in the last 3 years and analyse

those patterns of course using Generative AI technology and you know large language model understandings and all that it would actually you know use tools to go and find actual papers from lens or from Google patterns and few other sites like this where you because I had to work with open source so these were open source platforms so it would take patterns related to that topic from the last 3 years not Older than that it would also do a Deep research on what those papers Talk about if there is some solution that has already been implemented and who is used those patterns to Build those solutions what was the solution and so on so after a lot of Deep research from multiple papers the system would Return Availability of consolidated recommendation for what you could do in the future right so that is not it's not about what is already done after taking all the

Speaker 1 (02:44)
information that is already done and the implementation and the you know explanations from the paper the LLM will actually suggest or create a new recommendations of something that somebody could research on or work on or build on you know it would make like 5 recommendations on different research or products that somebody could build using that particular technology something that's not already

Speaker 2 (03:13)
Done

Speaker 1 (03:14)
So this was the one of the projects that I worked on