

Assignment: Design and Architecture for Patent Search-Oriented Platform

Overview - In current market there are lot of patents getting filed on regular basis all over the world. Our customers used to spend lot of time to analyze those patents and figure it out which technology/innovation to focus on their new product development in future.

Assignment:

Recommended / Predict future innovation/technology to adopt by going through last 3 years patent filed for a specific research area as example – Lithium Battery

Implementation should be Agentic Workflow with GEN AI principle. Performance is the key metrics to consider and a cost effective model. You are open to using Lang chain Framework or CrewAI to develop the Agentic Workflow.

Prepare the system architecture high level for the Agentic workflow about the assignment.