AI Tutor with Retrieval-Augmented Generation (RAG) is an interactive teaching assistant that helps students query and summarize course materials directly from PDFs. By combining semantic embeddings, vector-based retrieval, and quantized large language models (DeepSeek-7B and LLaMA-3.1-8B), the system delivers context-aware, accurate answers grounded in class documents. It enables faster navigation of lectures, notes, and assignments while balancing efficiency and response quality.