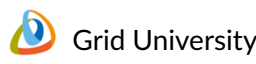


100% COMPLETE

- RAG basics
- Practice 1: Foundational Text-Based RAG System
- RAG evaluation
- Practice 2: RAG Pipeline Evaluation
- RAG Advanced approaches
- Practice 3: Practice: Hybrid Search + Reranking
- Practice 4: Advanced RAG approaches
- Multimodal RAG
- Practice 5: Multimodal RAG (Phase 5.1 and 5.2)
- Practice 6: Multimodal RAG with CoPali-like approach

Practice 4

Practice 4: Advanced RAG approaches



Phase 4: Advanced RAG Techniques

Objective: Implement advanced RAG features.

Tasks:

- 1
- Semantic Caching (optional for interns):
- Design and implement a semantic caching layer to store and reuse answers for similar queries, improving efficiency.
- 2
- Multi-hop Retrieval (Conceptual or Basic Implementation) - Optional for interns:
- For complex questions requiring information from multiple document parts or modalities, design a multi-hop retrieval process. This could involve the LLM iteratively refining queries or combining information from an initial retrieval pass.

Next: Final Assessment

In Progress 50%

Retrieval-Augmented Generation (RAG)

- Retrieval-Augmented Generation (RAG)
- Final Assessment

Course Tasks 0/1

Course Evaluation

