

Retrieval-Augmented Generation (RAG)

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 ColPali-like approach



Practice 2: RAG Pipeline Evaluation

Grid University

Next: Final Assessment

In Progress

50%

Retrieval-Augmented Generation

Retrieval-Augmented Generation (RAG)

Final Assessment

Course Tasks

Course Evaluation

0/1

Phase 2: RAG Evaluation

Objective: Implement a thorough evaluation of the RAG pipeline.

Tasks:

1

RAG Evaluation:

- Use the Q&A dataset below for evaluation.
- Evaluate the system using a framework like RAGAS (measuring context relevance, faithfulness, answer relevance, etc.).
- Experiment with using an LLM as a Judge to assess the quality of generated answers, especially for nuanced or multimodal queries.
- Execute pipeline evaluation after each phase!

This file was generated synthetically. You can extend it to perform more advanced testing [RAG_evaluation_dataset](#).