



PDF STUDY MATERIAL • UNCODEMY

RAG Interview Questions

Notes, roadmaps and practice material, curated by the Uncodemy trainer team.



uncodemy.com/rag-interview-questions-pdf



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Quick answer



Retrieval-augmented generation retrieves relevant passages and gives them to a language model so its answer is grounded in your data. Interviewers test chunking, embeddings, retrieval quality, evaluation and failure handling. Sample questions with short answers are below.



Clear concepts

Short, plain-language explanations



Hands-on practice

Examples and exercises to try yourself



Job-focused prep

Questions and checklists for interviews

What interviewers usually probe



The RAG pipeline end to end.



Chunking and embedding choices.



Retrieval quality: top-k, reranking, hybrid search.



Evaluation of retrieval and answers.



Failure modes and security.

Sample interview questions



Explain the RAG pipeline.

Documents are split into chunks, converted to embeddings and stored in a vector database. At question time the query is embedded, the most similar chunks are retrieved, optionally reranked, and placed in the prompt so the model...



How do you choose a chunk size?

Chunks must be large enough to hold a complete idea and small enough to be specific. Test several sizes and overlaps on your own questions and measure retrieval quality, because the best size depends on the documents.

Sample interview questions



What is reranking and why use it?

A first retrieval step returns candidates quickly; a reranker scores them again more carefully against the query so the best passages come first. It improves precision at the cost of extra latency.



How do you evaluate a RAG system?

Evaluate retrieval (are the right passages returned) and generation (is the answer correct and supported by them) using a test set of questions with known answers, with metrics and human review of a sample.

Sample interview questions



Why might a RAG system still hallucinate?

Retrieval may miss the right passage, the passage may be ambiguous, or the model may add unsupported details. Reduce this by improving retrieval, instructing the model to answer only from the context and refuse otherwise, and...



What is a security risk in RAG?

Retrieved documents can contain malicious instructions (prompt injection) or sensitive data that a user should not see. Treat retrieved text as untrusted and apply access control to documents.

Preparation tips



Build a small RAG app and measure it.



Be ready to explain one failure you found and how you fixed it.



Know why you would choose RAG over fine-tuning.

How to use these PDFs



STEP 1

Read the roadmap

Start at the stage that matches your level.



STEP 2

Practise each topic

Try it yourself instead of only reading.



STEP 3

Revise key concepts

Use the tables before an interview or exam.



STEP 4

Move to the next stage

Go on when you can explain this one in your own words.

Your RAG Interview Questions PDF set



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Frequently asked questions



What is RAG in AI?

Retrieval-augmented generation retrieves relevant passages from your documents and gives them to a language model so its answer is grounded in that information.



What are common RAG interview questions?

Common topics are the RAG pipeline, chunking, embeddings, vector databases, reranking, evaluation, hallucination and security.



What is the difference between RAG and fine-tuning?

RAG supplies knowledge at question time, which suits changing or private data. Fine-tuning changes the model's behaviour through extra training.

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