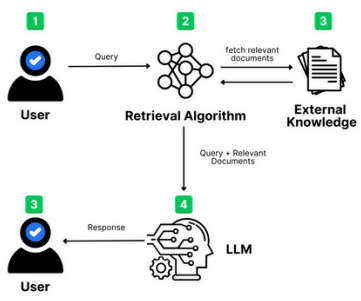


Mastering RAG - Wrap Up

Day 1

Mastering RAG

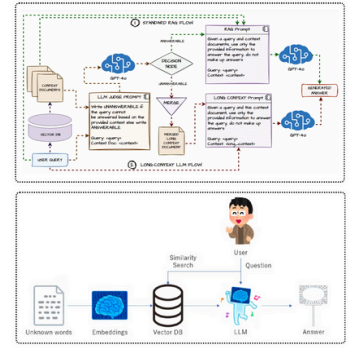
A Perfect Guide to Retrieval Augmented Generation



Day 2

Mastering RAG

How does RAG work?



Day 3

Mastering RAG

RAG vs Fine-Tuning

Feature	RAG	Fine-Tuning
Real-time Updates	✓	✗
Knowledge Source	✓	✗
Adaptability	✓	✗
Inference Speed	✗	✓
Scalability	✓	✗
Cost	✓	✗
Accuracy in a Specific Domain	✗	✓

Choose RAG if:

- You need real-time or frequently updated information.
- Your knowledge base is large and dynamic.
- You want lower computational costs.
- You need flexibility across multiple domains.

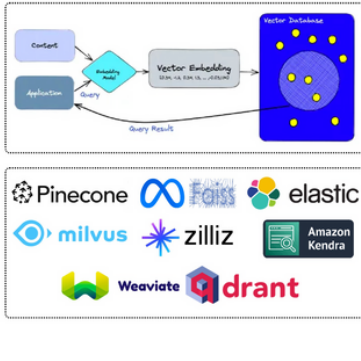
Choose Fine-Tuning if:

- You require high accuracy in a specific domain.
- Your dataset is static or changes infrequently.
- Speed is critical, and you need low-latency responses.
- You have adequate computational resources for training.

Day 4

Mastering RAG

A Guide to Vector Databases

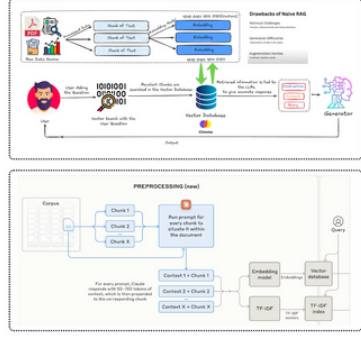


Pinecone, Milvus, Zilliz, Elastic, Weaviate, Amazon Kendra, Drant

Day 5

Mastering RAG

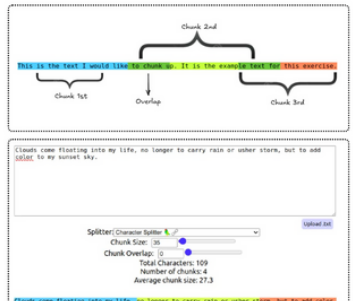
Chunking in RAG



Day 6

Mastering RAG

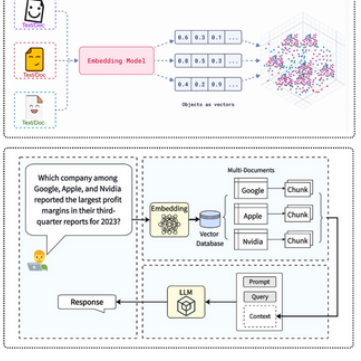
Different Types of chunking in RAG



Day 7

Mastering RAG

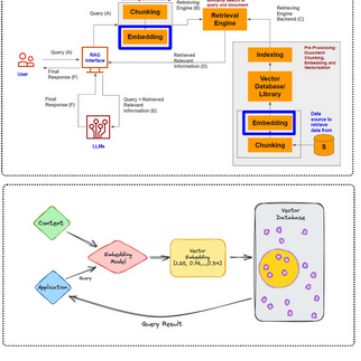
Embedding in RAG



Day 8

Mastering RAG

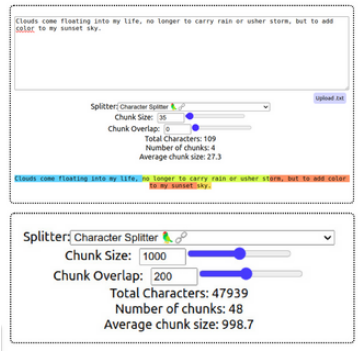
Different Types Embedding in RAG



Day 9

Mastering RAG

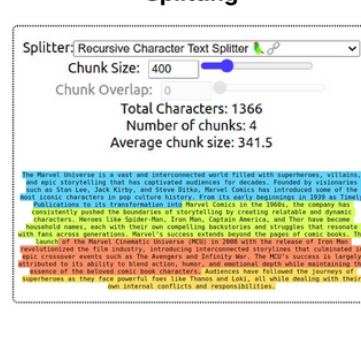
Character Text Chunking in RAG



Day 10

Mastering RAG

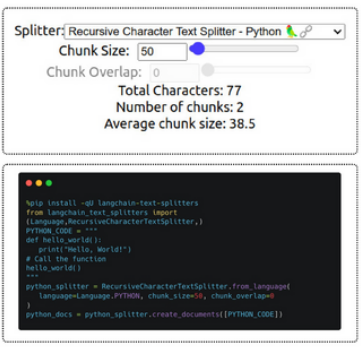
Recursive Character Text Splitting



Day 11

Mastering RAG

Document Specific Chunking Using LangChain



Day 12

Mastering RAG

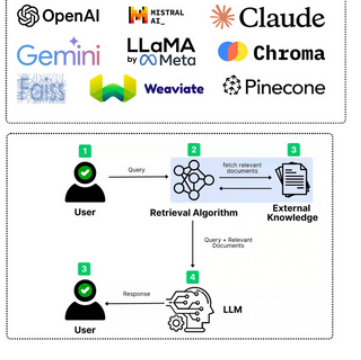
RAG Terms that you should know

- Vector Embeddings
- Vector Database
- Dense Passage Retrieval
- BM25 (Best Matching 25)
- Tokenization
- Chunking
- Context Window
- Prompt Engineering
- Knowledge Augmentation
- Hybrid Search
- Re-Ranking
- Hallucination
- Fine-Tuning
- Knowledge Cutoff
- Multi-Modal RAG
- Contrastive Learning

Day 13

Mastering RAG

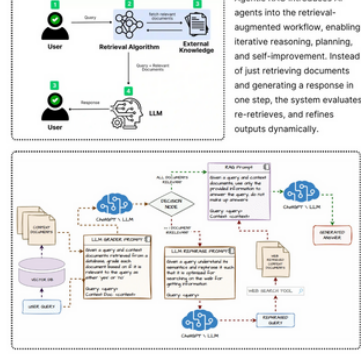
RAG Developer Stack



Day 14

Mastering RAG

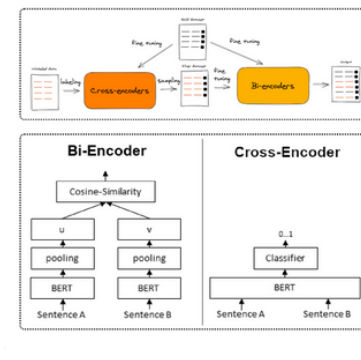
RAG vs Agentic RAG



Day 15

Mastering RAG

Cross-Encoder vs Bi-Encoder Models in RAG



Day 16

Mastering RAG


RAG with LangChain



Day 17

Mastering RAG

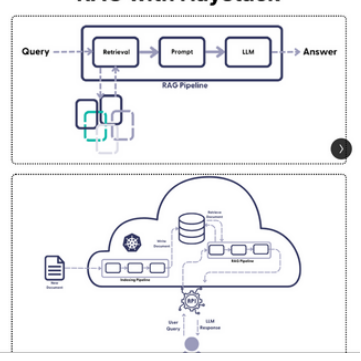
RAG with LlamaIndex



Day 18

Mastering RAG


RAG with Haystack



Day 19

Mastering RAG

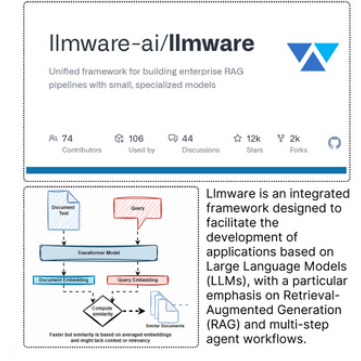
A Guide to FastRAG



Day 20

Mastering RAG

RAG with Ilmware



Download this PDF, click on any card and you will be redirected to the respective Day

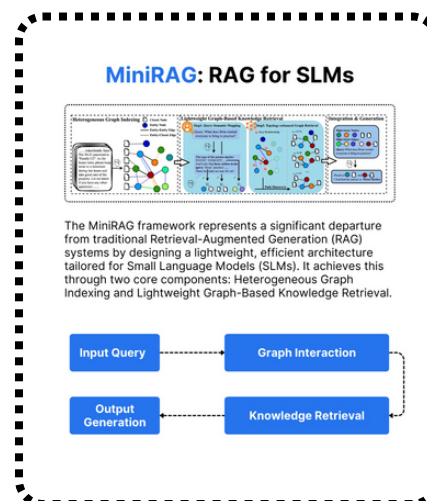
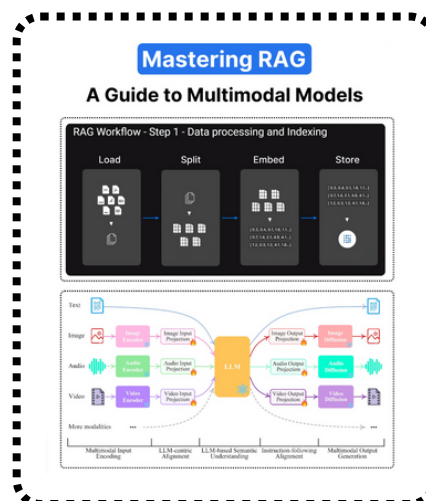
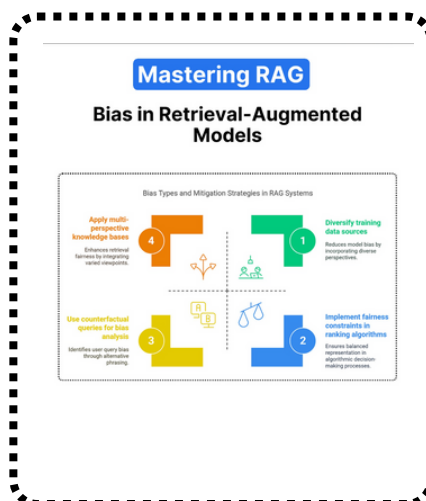
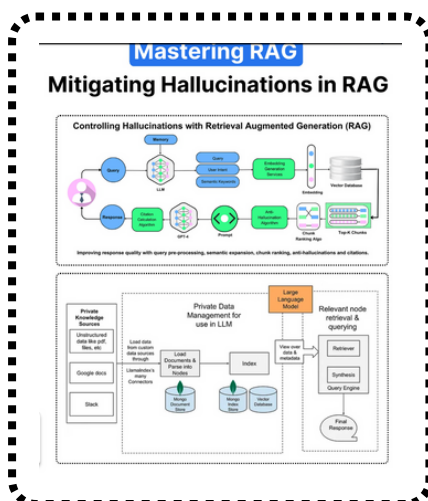
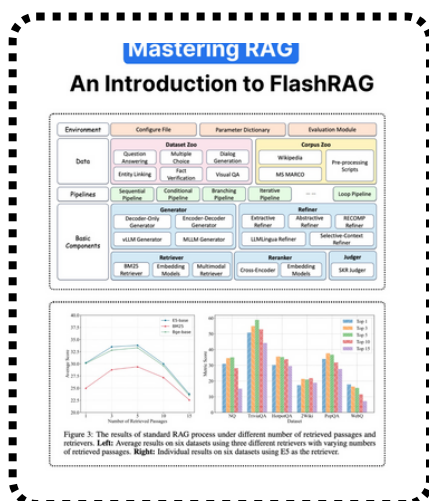
Day 21

Day 22

Day 23

Day 24

Day 25



We're wrapping up the Mastering RAG series!

If you'd like daily access to the entire series, **just download the PDF** —> each card links directly to the content for that day.

Did you enjoy this series? We'd love to hear your thoughts—drop them in the comments!

Also, a little teaser: we're about to launch a new LinkedIn series on "**AI Agents**".

Stay tuned!