

# **AI Bootcamp Journey & Learning Path (Sample)**

This is a synthetic schedule document for testing retrieval across sections.

## **Week 1**

- Environment setup
- Azure AI Foundry deployments
- Healthcheck + fail-fast config

## **Week 2**

- Chunking & embeddings
- MongoDB Atlas Vector Search index
- Ingestion pipeline

## **Week 3**

- RAG prompting
- Citations (source#chunk\_id)
- Discord bot UX (commands & buttons)

## Glossary

Term	Definition
Chunking	Split documents into ~1000-character chunks with 200 overlap.
Embeddings	Numerical vectors representing meaning; for example, 1536 dimensions.
Vector Search	Use \$vectorSearch with index name vector_index and path embedding.

Test question seed: "What is the recommended chunk size and overlap?" Answer should mention 1000 and 200.