Reference Links:-

* [Databricks Certified Generative AI Engineer Associate | Databricks](https://www.databricks.com/learn/certification/genai-engineer-associate)
* [Databricks Certified Generative AI Engineer Associate - Exam Guide](https://www.databricks.com/sites/default/files/2025-04/databricks-certified-generative-ai-engineer-associate-guide.pdf)

Paid Mock exam Links: [Databricks Certified Generative AI Engineer Practice Sets | Udemy](https://www.udemy.com/course/databricks-certified-generative-ai-engineer-associate-practice-sets/?couponCode=IND21PM)

**Chapter Overview**

* **Chapter 1: Exam Details and Resources**  
  Understand the certification format, domain weightage, and how to set up your Databricks environment. Includes preparation strategies and a quiz.
* **Chapter 2: Designing Generative AI Applications**  
  Learn prompt design, task alignment, and multi-stage reasoning. Hands-on lab: **Designing and Evaluating Prompt Chains**.
* **Chapter 3: Preparing and Chunking Data for RAG Applications**  
  Implement document chunking, content filtering, and retrieval evaluation. Lab: **Chunking and Indexing for RAG**.
* **Chapter 4: Building GenAI Applications with Python and LangChain**  
  Use LangChain for prompts, chains, and guardrails. Lab: **Building a Retrieval-Augmented GenAI App**.
* **Chapter 5: Deploying and Integrating RAG Systems on Databricks**  
  Assemble and deploy end-to-end RAG pipelines. Lab: **RAG System Deployment with MLflow & Vector Search**.
* **Chapter 6: Managing Models with MLflow and Unity Catalog**  
  Track, register, and govern models. Lab: **Model Management with MLflow and Unity Catalog**.
* **Chapter 7: Responsible AI**  
  Apply guardrails, privacy, and compliance measures. Lab: **Implementing AI Guardrails**.
* **Chapter 8: Monitoring & Evaluating LLMs in Production**  
  Track metrics, token usage, latency, and anomalies. Lab: **Evaluating and Monitoring LLM Performance**.
* **Chapter 9: Scaling AI Solutions with Vector Search and Mosaic AI**  
  Build scalable retrieval systems and optimize performance. Lab: **Scalable Vector Search with Mosaic AI**.
* **Chapter 10: Certification Preparation**  
  Review the blueprint, practice strategies, and a **20-question full-length exam**. Lab: **Certification Readiness Assessment**.