



Review Questions

Chapter 4: Agentic AI with LangChain

- Q01. With a neat picture, describe the document processing pipeline of LangChain.
- Q02. Name popular text splitting strategies supported by LangChain.
- Q03. What is an embedding? Name a few of the embedding models supported by LangChain.
- Q04. What is a vector store or a vector database? Name a few of the vector stores supported by LangChain.
- Q05. With an appropriate example, describe the vector similarity search process.
- Q06. Name the memory implementations supported by LangChain.
- Q07. What is a chain? Describe the components of an LLMChain of LangChain.
- Q08. Name a few types of agents supported by LangChain.
- Q09. How do you initialize an agent in LangChain?
- Q10. With an example, describe how tools are defined and integrated with an agent in LangChain.
- Q11. Distinguish between zero-shot prompting and few-shots prompting.
- Q12. Describe how LangChain implements the Sense phase of an agent.
- Q13. Describe how LangChain implements the Plan phase of an agent.
- Q14. Describe how LangChain implements the Act phase of an agent.