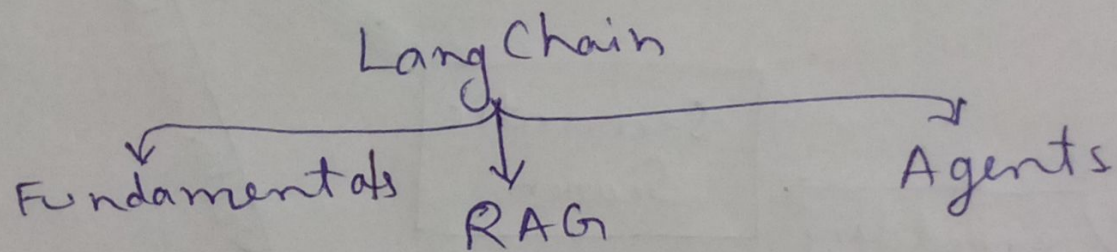01 Jan 2026

What is LangChain?

langchain is an open source framework that helps in building LLM based applications. it provides modular components and end-to-end tools that help developers build complex AI applications, such as chatbots, question-answering systems, retrieval-augmented generation (RAG) autonomous agents and more.

- Supports all major LLMs
- Simplifies developing LLM based applications.
- Integrations available for all major tools
- Open Source/Free/ Actively developed
- Supports all major GenAI use cases

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                    LangChain
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        ▼              ▼               ▼
  Fundamentals       RAG            Agents
```

Fundamentals
what is langchain, long chain components, models, Prompts, Parsing output, Runnables & LCEL, Chains, Memory

RAG
Document Loader, Text Splitters, Embeddings, Vector store Retrievers, Building a RAG Application

Agents
Tools & Toolkits, Tool Calling, Building an AI Agent