Sample Document: LangGraph and LangChain Overview

1. What is LangChain?

LangChain is a framework for building applications powered by large language models (LLMs).

It provides tools for chaining LLM calls, managing memory, integrating external tools, and creating agentic workflows.

2. What is LangGraph?

LangGraph is a framework built on top of LangChain, designed for building stateful, multi-agent workflows using graphs.

It allows developers to create complex conversational systems, orchestrate multi-agent communication, and control agent states.

3. Key Differences:

- LangChain focuses on modular LLM pipelines and chains.

- LangGraph focuses on building graphs of agents and controlling data flow between them.

4. Example Use Cases:

- RAG chatbots

- Multi-agent systems (planner & worker agents)

- Workflow automation

- Stateful conversation systems

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