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# Foundation of Agentic AI

Agentic AI vs. AI Agents

Agentic AI vs. Generative AI

Agentic RAG

Traditional RAG vs. Agentic RAG

Top Frameworks for building Agentic AI

**Generative AI** refers to a class of artificial intelligence models that can create new content – such as text, images, audio, code, or video – that resembles human-created data.

Few Generative Model Examples with types.

LLMs based apps like Chat GPT

Diffusion models for images

Code generating LLMs like CodeLLama

TTS models like ElevenLabs

Video gen models like Sora

**Application Areas**

Creative and Business Writing

software Development

Customer Support

Education

Designing

# LangGraph Fundamentals

Building Graphs

State

Nodes

Edges

Conditional Edges

Looping

AI Workflows

# Advanced LangGraph

Persistence

memory

Human in the loop

Break point

Check pointers

Time travel

# AI Agents

Popular design patterns

Types of AI Agents:

React Pattern,

Reflection Design Pattern

Self ask with help

Planning

Multi agent systems

# Agentic RAG

C RAG

Self RAG

# Productionization

UI

Debugging

observability

LangSmith

Deploy