

Lecture No. 1

Keywords:

- AI agents
- Large language models (LLMs)
- AI workflows
- Retrieval augmented generation (RAG)
- React framework
- AI agent traits
- Reasoning and decision-making

1. What is the purpose of the video?

- To explain AI agents in a simple way for non-technical individuals who use AI tools regularly.

2. What are some examples of large language models?

- Chatbot (ChachiBT), Google Gemini, Claude

3. What are the key traits of large language models?

- Limited knowledge of proprietary information
- Passive nature, waiting for prompts and responding

4. What is the fundamental trait of AI workflows?

- They can only follow predefined paths set by humans, also known as control logic

5. What is retrieval augmented generation (RAG)?

- A process that helps AI models look up information before providing an answer

6. What is a real-world example of an AI workflow?

- Using Google Sheets, Perplexity, and Claude to compile news articles, summarize them, and

d generate social media posts

7. What change needs to happen for an AI workflow to become an AI agent?

- The human decision-maker needs to be replaced by a large language model (LLM)

8. What is the purpose of the react framework in AI agents?

- It is the common configuration for AI agents to reason and act autonomously

9. How does an AI agent differ from an AI workflow?

- An AI agent is capable of reasoning, acting, and iterating autonomously to achieve a goal

10. What is the significance of the AI vision agent in the demo website example?

- It showcases how an AI agent can reason and act by identifying and indexing objects in video footage without human intervention.