COURSE Agenda:

① Introduction to Gen AI

② End to End Gen AI pipeline

③ What is LLMs

④ How chatGPT Trained

⑤ LLM core Architecture ⟶ Transformers

⑥ Hugging Face and its API

⑦ comple open AI

⑧ Prompt Engineering

⑨ Vector Database

⑩ Introduction and Architecture Of GENAI
application
⟶ Basic | Level -1
⟶ Advance | Level -2
                 | level -3 ⟶ proffesional

⑪ RAG — Retrieval — Augmented Generation

⑫ Langchain

⑬ LCEL ⟵

⑭ LlamaIndex ___

(15) Level - 1 APP

(16) Level - 2 APP

(17) Level - 3 APP $\longrightarrow$ professional

(18) Multimodal $\longrightarrow$ APP

(19) Agentic AI $\longrightarrow$ Agents / multi

(20) Fine-tuning of LLMs