

{GenAI}

Generative AI Course

For Non-Tech & Beginner Learners

No-Code AI Tools · Python Basics · Hugging Face · Streamlit · Google Colab

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COURSE OUTLINE — 8 WEEKS

Ch W1 Introduction to Generative AI AI vs Generative AI · ChatGPT · Midjourney · DALL-E · myths & realities · Hugging Face Spaces	Ch W2 Playing with AI Tools — No Coding Needed Text content with ChatGPT · logos with HF Diffusers · AI voice tools TTS & Whisper · pre-built apps
Ch W3 Python Basics for AI Variables · inputs · conditionals · ChatGPT-assisted code · run Python in Google Colab	Ch W4 Working with Hugging Face Models Ready-made models · text generation · translation · transformers library · HF Spaces
Ch W5 Building Your First AI App Generate business names & captions · Streamlit or Gradio frontend · deploy on Hugging Face	Ch W6 Audio, Image & Video with AI Whisper speech-to-text · TTS models · Stable Diffusion image gen · music & video overview
Ch W7 Customize AI for Your Ideas Prompt engineering · combine Whisper + TTS + Text Gen · build your own AI assistant	Ch W8 Final Projects + Launch Day Choose project: AI writer / quiz app / voicebot · polish & present · deploy & share on LinkedIn

TECH STACK & TOOLS

ChatGPT	Hugging Face	Streamlit	Gradio	Google Colab	Python
Whisper	Stable Diffusion	transformers	DALL-E	Prompt Engineering	TTS

WHAT YOU WILL BUILD & LEARN

♦ AI Tools Mastery Use ChatGPT, Midjourney, Whisper, and Stable Diffusion confidently with no setup	♦ Python for AI Write basic Python scripts and run them in Google Colab — zero install required
♦ Hugging Face Apps Use pre-trained models for text, image, and audio without training anything yourself	♦ Build & Deploy Create a Streamlit or Gradio web app and deploy it live on Hugging Face Spaces
♦ Prompt Engineering Craft effective prompts to get high-quality results from any generative AI model	♦ Final Project Ship your own AI app — writer, quiz bot, voicebot, or assistant — and share it publicly