



# Aibytect

Empowering the Future

**Course duration = 2 month (1.5 hours of 3 classes a week)**

**Fee = 12000 pkr /month**

## **Generative AI Course Roadmap (For Non-Tech Learners)**

Overview:

This course is designed for absolute beginners, even if you don't have a technical background. We'll start with easy, no-code AI tools, then gradually introduce you to basic Python programming and finally guide you to build and deploy your own AI-powered applications using platforms like Google Colab, Hugging Face, Streamlit, and Gradio.

### **Week 1: Introduction to Generative AI**

- What is AI vs Generative AI?
- Real-life examples: ChatGPT, Midjourney, DALL·E, etc.
- Myths & realities of AI
- Hands-on: Try ChatGPT & Hugging Face Spaces
- Tool: ChatGPT Web

### **Week 2: Playing with AI Tools (No Coding Needed!)**

- Create text content using ChatGPT
- Generate logos/art with Hugging Face's Diffusers
- Explore AI voice tools like TTS and Whisper
- Build simple apps using pre-built tools

### **Week 3: Python Basics for AI**

- Why Python is beginner-friendly
- Simple concepts: variables, inputs, conditionals
- Use ChatGPT to generate simple code (like tip or age calculator)
- Hands-on: Edit and run Python code in Google Colab

### **Week 4: Working with Hugging Face Models**

- What is Hugging Face?

- Try ready-made AI models: text generation, translation, etc.
- Hands-on: Use transformers library
- Explore Hugging Face Spaces (no code + code-based apps)

### **Week 5: Building Your First AI App (No Model Training!)**

- Use AI to generate business names, captions, or stories
- Create a front-end with Streamlit or Gradio
- Deploy your app on Hugging Face

### **Week 6: Intro to Audio, Image & Video with AI**

- Convert speech to text using Whisper (via Hugging Face)
- Text-to-speech using Hugging Face models
- Image generation using Stable Diffusion (Hugging Face)
- Bonus: Overview of music/video generation

### **Week 7: Customize AI for Your Ideas**

- Learn about prompt engineering
- Combine tools (e.g., Whisper + TTS + Text Gen) to create your custom chatbots
- Build your own AI assistant: e.g., Fitness Coach, Study Helper

### **Week 8: Final Projects + Launch Day**

- Choose your project: AI writer, quiz app, voicebot, etc.
- Polish and present your project
- Deploy and share on LinkedIn or with friends/family

### **By the End of This Course:**

You'll be able to:

Understand how modern AI tools work

Use Python to build basic apps

Use Hugging Face models without training them

Launch your own mini AI projects confidently