



**AUGUST
18-21, 2026**



EXECUTIVE AI PROGRAM IN FUTURE FINANCIAL INDUSTRY: AGENTIC AI, LLMs, AND APIs

DAY 1: AI FOUNDATIONS, TYPES OF AI AND LLM FUNDAMENTALS

- Evolution and importance of AI in banking and financial services
- Types of AI by capability: Narrow or Weak AI, Artificial General Intelligence (AGI) and Artificial Superintelligence (ASI)
- Types of AI by functionality: reactive systems, limited-memory AI and future theoretical categories
- Relationship between AI, Machine Learning, Deep Learning, Generative AI, LLMs and Agentic AI
- Banking applications: credit scoring, fraud detection, KYC, AML, customer service etc.
- How LLMs process language: tokens, context, prompts and generated responses
- LLM strengths, limitations, hallucinations and verification requirements
- Prompt-engineering fundamentals for banking professionals

DAY 2: LLM APPLICATIONS, BANKING DOCUMENTS, RAG AND AI-ASSISTED ANALYSIS

- LLMs for financial reports, policies, SOPs, customer complaints, KYC files, loan documents and audit observations
- Information extraction, summarisation, comparison and executive communication
- Introduction to Retrieval-Augmented Generation (RAG)
- Documents, chunks, embeddings and vector search in simple business language
- Source-grounded answers, citations and response verification
- LLM guardrails, prompt-injection awareness and output quality control
- Basic AI-assisted analysis of anonymised financial data
- Using prepared Google Colab notebooks with AI-generated and AI-explained Python



021-35277511 | 051-9269850



marketing@nibaf.org.pk | registration@nibaf.gov.pk



0303-0652963



DAY 3: AI APIS, BANKING CHATBOTS AND NO-CODE WORKFLOW AUTOMATION

- What an API is and how applications communicate
- API endpoints, requests, responses and JSON structure
- API keys, authentication, input/output formats, token usage and basic errors
- Connecting LLMs with banking applications and approved knowledge sources
- Chatbot instructions, conversation context, guardrails and human escalation
- Workflow triggers, actions, conditions, routing and notifications
- Human approval, exception handling and audit records
- Using AI tools to generate node instructions, JSON structures, expressions and conditional rules

DAY 4 : NO-CODE AGENTIC AI, GOVERNANCE AND CAPSTONE FINALISATION

- Difference between chatbots, predefined workflows and AI agents
- Agent goals, tools, memory, planning and reasoning

- Single-agent systems and a brief introduction to multi-agent systems
- Agent permissions, restricted actions and data-access boundaries
- Human-in-the-loop approvals and escalation
- Auditability, monitoring and failure handling
- Responsible Agentic AI in banking
- Business value, success measures and implementation planning

TOOLS

Claude / n8n AI Agent, Flowise, Langflow / Zapier or Microsoft Power Automate / a prepared AI API interface or Google Colab notebook / make.com / ChatGPT / Gemini / JSON and workflow assistance / Google or Microsoft Forms / Google Sheets or Excel etc.

FACILITATOR

Mr. Sajid Majeed is a dynamic and creative trainer who can provide insights for financial Analytics using Artificial Intelligence Tools, Agentic AI, LLMs, and APIs etc. Skilled in python, data analytics, Artificial Intelligence. Striving to propel forward into the deep sea of Artificial Intelligence