

Gen AI for Finance Team

Duration – 16 Hours

Program Description

This program is designed to equip finance professionals with foundational knowledge and practical skills in Generative AI. It covers core concepts in machine learning, deep learning, and natural language processing, followed by hands-on training in prompt engineering and Gen AI tools.

Participants will explore real-world finance applications such as claims automation, fraud detection, customer support, and portfolio management, while also understanding the ethical and legal implications of deploying Gen AI solutions.

Learning Outcomes

- Understand foundational AI concepts including machine learning, deep learning, and NLP.
- Explain the principles of Generative AI and how language models function.
- Apply prompt engineering techniques to create effective prompts tailored to finance use cases.
- Identify and implement Gen AI use cases in finance.
- Utilize Gen AI tools to enhance financial operations and decision-making.
- Recognize ethical and legal considerations in the deployment of Gen AI, including bias mitigation and compliance.

Course Topics

- ❖ Foundation in AI Concepts
 - ❖ Machine Learning
 - ❖ Deep Learning
 - ❖ Natural Language Processing (NLP)
- ❖ Fundamentals of Generative AI
 - ❖ Language Models
 - ❖ Generative AI Overview
 - ❖ Prompt Engineering (with Finance-specific hands-on)
- ❖ Business Use Cases in Finance
 - ❖ Claims Processing Automation
 - ❖ Fraud Detection and Prevention
 - ❖ Customer Service Support
 - ❖ Personalized Insurance Recommendations
 - ❖ Predictive Analytics for Portfolio Management
 - ❖ Gen AI Tools for Finance
- ❖ Ethics and Responsibilities in Gen AI
 - ❖ Ethical Challenges and Biases
 - ❖ Legal and Compliance Considerations

Modules can be customized to suit client's specific needs and duration accordingly