

## Gen AI for L&amp;D

## Duration – 24 Hours

**Program Description**

This program equips L&D professionals with the knowledge and tools to integrate Generative AI into modern learning ecosystems. It covers foundational AI concepts, hands-on prompt engineering, and practical applications in training design, personalization, and learner support.

Participants will explore GenAI tools and understand ethical considerations in AI-driven learning environments.

**Learning Outcomes**

- Understand foundational AI concepts relevant to learning and development.
- Apply prompt engineering to create engaging and effective training content.
- Design personalized learning experiences using GenAI.
- Use AI-powered tools to support learners and automate content creation.
- Analyze learner data to improve training outcomes and engagement.
- Implement GenAI ethically and responsibly in L&D contexts.

**Course Topics**

- ❖ Foundation in AI Concepts
  - ❖ Introduction to Machine Learning
  - ❖ Introduction to Deep Learning
  - ❖ Introduction to Natural Language Processing (NLP)
- ❖ Fundamentals of Generative AI
  - ❖ Language Models and GenAI Overview
  - ❖ Prompt Engineering (with hands-on practice for L&D scenarios)
- ❖ Generative AI Use Cases in L&D
  - ❖ Training Content Creation
    - ❖ Automated generation of learning materials, quizzes, and simulations
  - ❖ Personalized Learning Paths
    - ❖ AI-driven adaptive learning and skill gap analysis
  - ❖ Virtual Facilitators and Chatbots
    - ❖ AI-powered support for learner queries and engagement
  - ❖ Learning Analytics
    - ❖ Predictive analytics for learner performance and engagement
  - ❖ Knowledge Management
    - ❖ AI-assisted content curation and knowledge base generation
- ❖ GenAI Tools for L&D
  - ❖ ChatGPT, Synthesia, Pictory, Docebo, Learn.xyz, etc.
- ❖ Ethics and Responsibilities in GenAI
  - ❖ Bias in learning content
  - ❖ Data privacy and compliance in training environments

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