LITC
Computer Education

AI FOR LEADERS

What You'll Learn

- **Introduction to AI**
- **Fundamentals of Generative AI & Prompt Engineering**
- **Implementing Generative AI in Organizations**
- **Responsible AI**
- **Quiz & Evaluation**

Program Highlights

Mentored Learning Sessions

Hands-on Applications

Self-Assessment Milestones

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Introduction to AI

Content:

This module introduces the fundamental concepts of Artificial Intelligence (AI), its evolution, and applications across industries. Learners will gain an understanding of the core ideas behind Machine Learning (ML), Deep Learning (DL), and how they contribute to AI systems. Real-world case studies will demonstrate successful AI implementations in corporate settings.

Sub Topics	Description	Hours
Introduction to AI	Overview of AI, its definition, purpose, and scope in the digital era.	0.5
Key Concepts and Evolution	Historical development of AI, key milestones, and breakthroughs leading to modern AI.	
Types of ML, DL, and AI	Explanation of Machine Learning, Deep Learning, and their interrelationship with AI.	
Applications and Corporate Success Stories	Real-world examples of AI in business, healthcare, finance, and other sectors.	

Fundamentals of Generative AI, Agentic AI, and Prompt Engineering

Content:

This module focuses on the foundations of Generative AI, Agentic AI, and Large Language Models (LLMs). Learners explore prompt engineering principles and understand how AI models can generate content, code, or insights autonomously. The module also emphasizes practical business use cases and hands-on experience.

Sub Topics	Description	Hours
Introduction to Generative AI	Fundamentals of generative models and their applications.	
Agentic AI	Understanding AI agents, autonomy, and task delegation.	
LLM Fundamentals	Techniques for crafting effective prompts to optimize AI outputs.	1
Prompt Engineering Concepts	Techniques for crafting effective prompts to optimize AI outputs.	
Business Use Cases of Prompt Engineering	Real-world implementation examples and hands-on session with GL Generative AI Academy	

Implementation of Generative AI in Organization

Content:

This module explains how organizations can strategically integrate Generative AI. It includes frameworks for AI adoption, proposal writing, and cultural transformation within enterprises. Learners will explore team-building approaches, project management, and global trends to deploy scalable AI solutions.

Sub Topics	Description	Hours
Choosing a Use Case and Proposal Writing	Identifying relevant use cases and writing RFPs for AI initiatives.	
Developing a Generative AI and Agentic AI Culture	Implementing organizational culture, KPIs, metrics, and frameworks.	
Building AI Teams	Managing AI projects, scaling, and coaching teams effectively.	2.5
AI Project Estimation: Build vs. Buy	Decision-making between in-house AI development and external tools.	
Latest Tools and Global Trends	Overview of cutting-edge AI tools and international best practices.	

Responsible AI

Content:

This module explores the ethical, regulatory, and societal aspects of AI deployment. Participants will understand the importance of fairness, transparency, and accountability in AI systems. Topics include privacy, risk management, and strategies for ensuring ethical AI in business environments.

Sub Topics	Description	Hours
AI Ethics and Governance	Principles of ethical AI, fairness, and governance models.	
Privacy and Regulations	Understanding global data protection laws and compliance frameworks.	
Risks and Challenges	Identifying and mitigating risks in AI adoption and deployment.	1
Industry-Based Differences	Comparing AI strategies in product vs. service-based organizations.	
Cultural Shift and Mindset Change	Encouraging responsible innovation and workforce adaptation.	
Challenges and Open Discussions	Interactive session on emerging issues and ethical dilemmas in AI.	

Quiz and Evaluation

Content:

The final module focuses on assessing the participant's understanding of the covered topics through a quiz and evaluation session. It ensures learners can apply the knowledge gained across AI fundamentals, generative models, and responsible practices.

Sub Topics	Description	Hours
Quiz	Assessment covering all previous modules to evaluate understanding and application of concepts.	1