



# LLM & AGENTIC AI: CONCEPTS TO APPLICATION



BY ELITE INDIGO



# LLM & Agentic AI: Concepts to Application

## • Program Overview

This one-day training program is specifically tailored for engineers, providing a underlying foundation in principles of Artificial Intelligence (AI) and Generative Pre-trained Transformers (GPT) and their applications. The course aims to bridge the gap between theoretical understanding and practical application by equipping participants with the knowledge and skills to leverage these technologies effectively.

Through this program, the class will understand the fundamentals of AI which will help them understand better the foundations of LLM engine today. Following that the class will also be introduced to better application of AI through prompts, agentic AI and basics of AI tool development. These tools help the class to improve their daily work especially in the areas of research and planning.

This hands-on approach ensures that engineers walk away with actionable insights and the capability to integrate AI solutions into their work seamlessly.

## • Learning Objectives



By the end of the course, participants will be able to:

- Provide foundation understanding of AI and its foundational mechanics
- Evolution from traditional AI to Large Language Models
- Comparisons between a few common Large Language Models
- Current Progress in AI

## • Duration One (1) Full-Day Workshop;



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## • Course Schedule

DAY/TIME	Category	Description
30 Minutes	Introduction	<b>Introduction</b>
1 Hour 30 Minutes	Theory/ Practical	<b>Module 1:</b> <ul style="list-style-type: none"> <li>AI Fundamentals</li> <li>Capabilities and Limitations of AI</li> <li>Creating Effective Prompts</li> </ul>
1 Hour	Theory	<b>Module 2:</b> <ul style="list-style-type: none"> <li>Various LLM – OpenAI, Perplexity etc.</li> <li>Approach to evaluate AI</li> </ul>
1 Hour	Theory	<b>Module 3:</b> <ul style="list-style-type: none"> <li>LLM Fundamentals</li> <li>Considerations and Risk</li> </ul>
1 Hour	Lunch	<b>Lunch</b>
1 Hour 30 Minutes	Theory	<b>Module 4:</b> <ul style="list-style-type: none"> <li>Various recommended LLM applications in corporation</li> <li>Fundamentals of RAG</li> </ul> <b>Example</b> <ul style="list-style-type: none"> <li>On device LLM Model</li> <li>Agentic vs Non Agentic</li> </ul>
2 Hour 30 Minutes	Practical	<b>Module 5:</b> Building an Agentic LLM tool
1 Hour	Discussion	<b>Recap and Discussion</b>



## ABOUT ELITE INDIGO

We are dedicated to empowering businesses to achieve their full potential. With a team of seasoned professionals and a wealth of industry experience, we offer tailored consulting services to help organizations overcome challenges and seize opportunities.

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## OUR COURSES



### ARTIFICIAL INTELLIGENCE (AI)

Dive into the cutting-edge world of AI, exploring algorithms, data analysis and more.



### TECHNICAL SKILL

Sharpen your technical prowess from programming, software and more.



### SOFT SKILL

Develop essential interpersonal skills to excel in any professional setting.



### LEADERSHIP SKILL

Unleash your leadership potential with our Leadership Skills course



### TEAMBUILDING

Understand the dynamics of teamwork, communication, and synergy

