AI Models Development

Session No#	Session mode	Session Type	Week - Day No.#	DurationHrs
1	EL-Async	IU 01: Introduction to Generative AI and Prompt Engineering • Introduction to generative AI • Large Language Models • Prompt Engineering and Use Cases Complete MCQ	1-1	3
2	FC-F2F	IU 01: Introduction to Generative AI and Prompt Engineering Introduction to Generative AI, LLMs and prompt engineering use cases Explain assignment 1	1-2	3
3	AS-F2F	Assignment 1 – Craft prompts and work with LLMs for different use cases such as sales, marketing, HR, etc.	1-3	3
4	EL-Async	IU 02: Building AI-Powered Chatbots with Microsoft Copilot Studio • Introduction to Microsoft Copilot Studio • Create agents and work with the Microsoft Copilot Studio interface • Create topics Complete MCQ	1-4	3
5	FC- F2F	IU 02: Building AI-Powered Chatbots with Microsoft Copilot Studio Introduction to Copilot Studio and how to build your first chatbot using the Copilot Studio interface Explain assignment 2	1-5	3
6	AS-F2F	Assignment 2 – Building your first chatbot using Copilot Studio.	2-6	3
7	EL-Async	IU 03: Working with Entities and Variables in Microsoft Copilot Studio. • Work with entities • Use entities in conversations • Work with variables • Reuse variables across topics Complete MCQ	2-7	3
8	FC- F2F	IU 03: Working with Entities and Variables in Microsoft Copilot Studio.	2-8	3

		Demonstration of how to use entities and variables in your chatbot development Explain assignment 3		
9	AS-F2F	Assignment 3: Work with entities and variables in Microsoft Copilot Studio	2-9	3
10	EL-Async	IU 04: Enhancing Chatbots with Agentic flow • Enhancing capabilities of chatbots with Generative AI answers • Integrating Power Automate flow with your Copilot Studio agent.	2-10	3
11	FC-F2F	IU 04: Enhancing Chatbots with Agentic flow Demonstration of how to enhance the chatbot capabilities using Power Automate flow and generative AI capabilities IU 05: Introduction to AI Builder and Its Components • Power Platform AI Builder Introduction • Power Platform AI Builder Capabilities and Features Explain assignment 4 and assignment 5	3-11	3
12	AS-F2F	Assignment – 4: Enhancing your chatbot with agentic flow Assignment 5 – Use an AI model in Power AI Builder to extract information in Power Automate	3-12	3
13	PM-F2F	Project Mentoring – Explain the below task Design a chatbot to guide users through a multi-step service or support process using Microsoft Copilot Studio.	3-13	3
14	PI-Async	Complete project task 1	3-14	3
15	PM-F2F	Project Mentoring – Explain the below task Develop the basic chatbot workflow and topics	3-15	3
16	PI-Async	Complete project task 2	4-16	3
17	PM-F2F	Project Mentoring – Explain the below task Configure entities and variables in a chatbot to personalize user responses and track session data dynamically.	4-17	3
18	PI-Async	Complete project task 3	4-18	3
19	PM-F2F	Project Mentoring – Explain the below task Create agentic flow to enhance the capabilities of the intelligent chatbot	4-19	3
20	PI-Async	Complete project task 4	4-20	3

		Preparation of the Project report and submit		
21	SA-Sync	Summative Assessment (Per learner)	5-21	30 min

EL-E-Learning
FC-Flipped Class
AS-Assignment
PM-Project Mentoring
PI-Project Implementation
SA-Summative Assessment
Sync- Synchronous Session &
Async- Asynchronous Session