Prompt Engineering for ChatGPT

Training Course	**Prompt Engineering for ChatGPT**
Course Language	**Bilingual . Materail in English , training in Arabic/English**
Course Duration	Total Number of hours : 9
Course Objectives	• Understand how ChatGPT processes and responds to prompts. • Identify the elements of effective and ineffective prompts. • Design, test, and optimize prompts for various real-world applications. • Apply prompt chaining, role-based prompting, and few-shot examples. • Use prompt engineering to solve practical problems in writing, research, and automation.
Course Content	Course Key Topic Area Includes: • Introduction to ChatGPT and Generative AI. • Basics of Prompt Engineering: What Makes a Good Prompt?. • Prompt Types: Zero-shot, One-shot, Few-shot. • Role Prompting and Context Control. • Prompting for Writing and Summarization. • Prompting for Coding, Debugging, and Analysis. • Designing Prompt Solutions for Real Scenarios. • Advanced Techniques: Prompt Chaining and Constraints. • Bias, Hallucination, and Ethical Considerations. • Building Prompt Templates and Prompt Libraries
Learning Outcomes	At the end of the program the trainees will be able to: • Define key concepts in prompt engineering and generative AI interaction. • Craft prompts tailored to different domains, including education, business, and technical fields. • Utilize prompt patterns like zero-shot, one-shot, and few-shot techniques. • Evaluate and refine prompt outputs based on quality and relevance. • Create reusable prompt templates for writing, summarizing, coding, and ideation tasks. .

Target Audience	Any person having basic knowledge ChatGPT (via OpenAI platform or institutional access)
Course Material /Technology used/ Details Relevant to the course.	• Course Handouts containing the discussed topics with examples will be given to attendants before and during the training sessions • Attendants will also get the example files used during the course. • All sessions will be accompanied by practical exercises.