



SYLLABUS

Course Title: Mastering Prompt Engineering: Enhancing AI Interactions

Course Description:

This course provides a comprehensive understanding of prompt engineering, a critical skill for anyone working with AI models. Students will learn to design effective prompts that guide AI models to generate accurate, relevant, and useful responses.

Course Objectives:

Upon completion of this course, students will be able to:

1. Understand the fundamentals of AI models and how they respond to prompts.
2. Apply principles of prompt design to create clear, specific, and effective prompts.
3. Distinguish between different types of prompts and their uses.
4. Understand the role of context and relevance in prompt design.
5. Apply advanced techniques to elicit specific responses and handle ambiguity in prompts.
6. Design prompts for complex tasks and evaluate their effectiveness.
7. Understand and apply ethical considerations in prompt design, including mitigating bias and handling harmful or unwanted responses.
8. Understand prompt engineering challenges and future directions, including working with multimodal and multilingual AI models.

Key Topics:

1. The Basics of Prompt Engineering
2. Advanced Prompt Engineering
3. Ethical Considerations and Future Trends

Course Materials:

Course Slides

Webinar

Proposed Assessment:

The assessment will be based on creating and refining real-life prompts related to case studies in digital transformation.