Prompt Engineering

Module 1: Introduction to ChatGPT and Prompt Engineering

1. Overview of ChatGPT and its Applications
2. The Importance of Effective Prompts
3. Basics of Prompting: Input-Output Dynamics
   4. Introduction to Prompt Engineering Principles

Module 2: Crafting Clear and Effective Prompts

1. Precision in Instructions: Clarity and Specificity
2. Common Pitfalls in Prompt Design
3. Understanding Model Limitations
4. Feedback Loop: Iterative Refinement of Prompts

Module 3: Contextual Awareness in Prompting

1. Leveraging Model Understanding in Prompts
2. Handling Multiturn Conversations
3. Dynamic Contextual Prompts
4. Case Studies: Successful Contextual Prompting

Module 4: Advanced Techniques in Prompt Engineering

1. Fine-tuning for Specific Tasks
2. Multimodal Prompting: Text, Code, and Images
3. Custom Model Training and Fine-tuning
4. Transfer Learning Strategies for Prompt Engineering

Module 5: Domain-specific Prompt Strategies

1. Task-oriented Prompting: NLP, Computer Vision, and more
2. Creative Prompting: Unleashing Imagination
3. Industry-specific Prompt Strategies
4. Case Studies: Effective Prompting in Various Domains

Module 6: Bias Mitigation and Ethical Considerations

1. Identifying and Addressing Bias in Prompts
2. Ensuring Fairness in Model Outputs
3. Ethical Considerations in Prompt Engineering
4. Real-world Examples and Case Studies

Module 7: Collaboration and Project-based Learning

1. Team-based Prompt Engineering Projects
2. Collaboration Tools for Prompt Engineering Teams
3. Peer Review and Feedback Sessions
4. Building a Prompt Engineering Portfolio

Module 8: Optimization and Scaling

1. Iterative Refinement of Prompts for Performance
2. Scaling Prompts for Large Datasets
3. Real-time Constraints and Optimization Strategies
4. Deployment Considerations for Production Environments

Module 9: Future Trends and Emerging Technologies

1. State-of-the-Art Models and Techniques
2. Current Research and Innovations in Prompt Engineering
3. Adaptive and Self-learning Prompting
4. Future Challenges and Opportunities

Module 10: Capstone Project

1. Identifying a Real-world Problem
2. Designing and Implementing an Effective Prompt Engineering Solution
3. Project Evaluation and Iterative Improvement
4. Capstone Project Showcase and Presentation

Module 11: Advanced Excel skills using AI which will make you Super Efficient Excel professional

Module 12: Attractive Presentations using AI

Module 13: Report-Making skills – Generate the right questions to come up with the good research reports.

Module 14: LinkedIn hacks and techniques that every professional should know make Attractive

Module 15: Launching your business from Scratch using AI

Module 16: Personal Brand with AI – Use AI to Build your Personal Brand

Module 17: Coding Skills with AI – Use AI to be a Master Programmer

Module 18:AI Art Generation Prompt Engineering