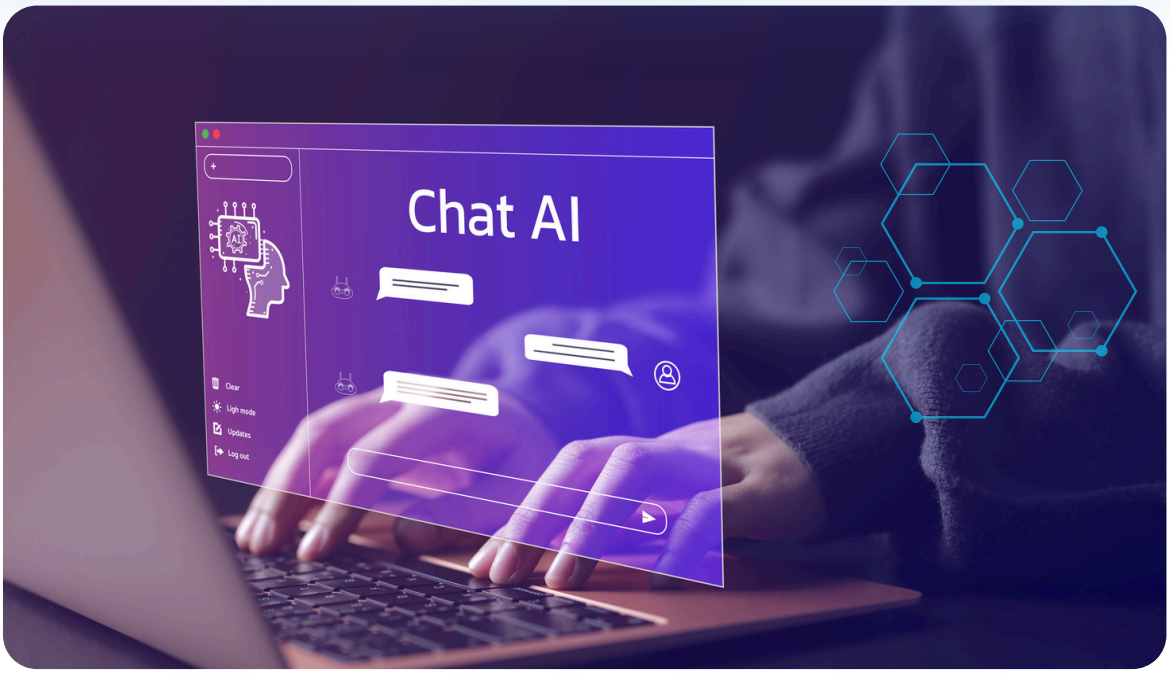
City & Guilds

PROMPT ENGINEERING



TRAINING COURSE MODULE OVERVIEW

Social Enterprise Kent

PROMPT ENGINEERING

1. Introduction to Artificial Intelligence and Large Language Models (LLMs)

1.1 Understanding AI and its Impact on Society
1.2 Overview of Large Language Models (LLMs) and their Applications
1.3 Introduction to Artificial General Intelligence (AGI) and Future Possibilities

2. Introduction to Prompt Engineering

2.1 What is Prompt Engineering and its Role in AI Interactions
2.2 Examples of Prompt Engineering in Various Industries
2.3 Shaping the Future of AI with Effective Prompt Engineering

3. Understanding the CLEAR Model

3.1 Overview and Rationale of the CLEAR Model
3.2 Key Principles and Components of the CLEAR Model
3.3 Benefits and significance of applying the CLEAR Model

4. The CLEAR Model

C - Clear Instructions, Command, and Context

4.1 Exploring the importance of clear Instructions in Prompt Engineering
4.2 Techniques for crafting effective commands in AI prompts
4.3 Adapting Prompts to different contexts and scenarios

L - Level of Output Required

4.4 Understanding the Role of output level in Prompt engineering
4.5 Determining and communicating desired output levels
4.6 Adapting output levels for specific use cases

E - Example

4.7 Incorporating example outputs to guide AI models
4.8 Constructing effective examples for various prompting situations
4.9 Leveraging examples to improve Prompting results

PROMPT ENGINEERING

A - Acting Role

4.10 The Role of Acting in Prompt Engineering
4.11 Techniques for assuming Acting Roles in AI interactions
4.12 Enhancing Prompting Outcomes Through Effective Acting

R - Result Format and Parameters

4.13 Understanding Result format and parameters in AI outputs
4.14 Techniques for Specifying Result format and parameters in Prompts
4.15 Customising Result format and parameters for optimal Results

5. Applying the CLEAR Model in Practice

5.1 Case Studies: Applying the CLEAR Model in real-world scenarios
5.2 Hands-on Exercises: Creating Prompts using the CLEAR Model
5.3 Best Practices and Tips for Implementing the CLEAR Model

6. Advanced Techniques in Prompt Engineering

6.1 Advanced Strategies for Clear Instructions, Command, and Context
6.2 Fine-tuning output levels, Examples, and Acting Roles
6.3 Navigating complex Result formats and parameters

7. Evaluation and Feedback in Prompt Engineering

7.1 Importance of evaluation and feedback in Prompting
7.2 Methods for evaluating Prompting effectiveness
7.3 Collecting and utilising feedback to improve Prompting skills

8. Future Trends in Prompt Engineering

8.1 Exploring Emerging Trends in Prompt Engineering and AI
8.2 Reflecting on digital skills development and future applications

PROMPT ENGINEERING

9. Ethical Considerations in Prompt Engineering

9.1 Introduction to Ethics in AI
9.2 Bias and fairness in Prompt Engineering
9.3 Privacy and Data Protection

10. Continuous Professional Development (CPD) in Prompt Engineering

10.1 CPD in Prompt Engineering
10.2 Continuous Improvement and Reflective Practice
10.3 Future Trends in Prompt Engineering

Social Enterprise Kent