Introduction to AI Prompt Engineering

Course Description

The course starts by explaining what is meant by AI prompt engineering and its purpose, showcasing its value and importance across various sectors. It then looks at how AI has evolved over time, starting from the middle of last century, going right through to the present day, before introducing the area of Natural Language Processing and some of its key concepts.

After that, it covers the four key components which, when used together, create effective AI prompts, describes what you need to avoid when structuring a prompt, and provides examples of both good and bad prompts. The course then smoothly moves on to the area of prompt optimisation, which looks at why the refining of prompts is so important and details techniques that can be used in order to optimise your prompts.

Next, the course turns to the importance of prompt evaluation, including what effective evaluation involves, and offers an insight into how AI prompt engineering is enhancing efficiency, accuracy, and user satisfaction across several sectors. The course then concludes with a look at emerging and future trends and technologies in the field.

Learning Objectives

By the end of this course, you will be able to:

- Understand the application of effective AI prompts.
- Apply the key components to craft effective AI prompts.
- Learn to refine AI prompts to optimise outcomes.
- Explain how to evaluate the effectiveness of AI prompts used.
- Discuss future trends in AI prompt engineering.

Target Audience

This E-Learning course is aimed at beginners and professionals from all industries who are curious about AI.

Advantages

Online training is flexible, efficient and cost effective meaning the candidate can progress through the modules at their own pace and in their own time, so they can fit the training in around their work and personal life.

Modules

Course	Module Number	Module Name	Pass % Required
Introduction to AI Prompt Engineering	1	Introduction to AI Prompt Engineering	70
Introduction to AI Prompt Engineering	2	Crafting Effective AI Prompts	70
Introduction to AI Prompt Engineering	3	Optimising and Refining AI Prompts	70
Introduction to AI Prompt Engineering	4	Evaluating AI Prompt Performance	70
Introduction to AI Prompt Engineering	5	Practical Applications and Future Trends	70

Recommended System Requirements
• Browser: Up to date web browser
• Video: Up to date video drivers
• Memory: 1Gb+ RAM
• Download Speed: Broadband (3Mb+)

Duration: 45 minutes (*Note: This is based on the amount of video content shown and is rounded off. It does not account in any way for loading time or thinking time on the questions*).