

# **Prompt engineering in AI tools**

Classroom or online training course

1 day course outline

This course covers the following topics (any items marked with a \* will be covered if time allows):

# Basic prompt engineering

- · Giving context
- Roles, styles and audience
- Output formats
- Giving examples

### Chatting

- · Repeating questions
- Pausing chats
- Expanding on answers
- Requesting Q&A sessions

#### Inputs and outputs

- Attaching files
- Bullet points and tables
- Creating files
- The many other output formats

### **Choosing an AI tool**

- Common tools available
- Comparing the tools

## Copilot for 365

- What Copilot 365 does
- Pros and cons
- Using in different applications

### How AI works

- Tokenisation
- Embedding
- Why you will never understand LLMs
- Limitations of AI tools

#### Variables and placeholders

- Placeholders for instructions
- · Placeholders as variables
- Refining your prompts
- · Prompt templates

### Ways to improve answers

- Chain of thought prompts
- · One-shot and few-shot
- Recursive criticism and selfrefinement
- Temperature and Top P sampling

### Using AI tools at home (\*)

- Holiday planning
- · Choosing what to watch
- Life planning
- Fun things

## Generating images (\*)

- The main tools compared
- · Generating images
- · Choosing art styles

Maximum 6 people per course. Scheduled classroom courses include lunch at a local restaurant; you can see how our online training works here. For more information, see https://www.wiseowl.co.uk/.