# **Using Al tools**



Classroom or online training course 2 day course outline

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

#### Behind the scenes

- · Understanding how AI works
- · Using this understanding

#### **Comparing AI tools**

- ChatGPT
- Copilot
- · Gemini (formerly Bard)
- · Comparing costs of each

## Writing code for dummies

- · Generating VBA macros
- Tips on SQL queries
- · Python programming

# **Prompt engineering**

- · Creating context
- · Prompt techniques
- Using analogies and examples
- · Sensitivity versus specificity

## Advanced prompt engineering

- Iterative refinement
- Feedback loops
- Role-playing
- Strawman vs Steelman

# Different input methods

- Uploading files
- · Voice prompts
- · Using images as inputs
- · Live web browsing

# Preparation of data

- · Pre-processing
- Techniques for data cleansing

# **Formatting outputs**

- · Choosing the detail level
- · Lists and tables
- · Choosing output formats
- Exporting results

## **Copilot within Excel**

- · Licensing costs
- · How to use effectively
- · Checking formulae

#### Copilot within 365

- · Using Copilot in PowerPoint
- Using Copilot in Word
- · Other Copilot uses

## Working with images

- Tips for generating images
- Using Dall-E
- Modifying images

# **Customising ChatGPT**

- · Keyboard short-cuts
- · Renaming and deleting questions
- · Archiving chats
- · Turning off chat history

# Variables in ChatGPT

- Creating variables
- Referencing variables
- · Combining in templates

#### The GPT store

- · Plug-ins vs GPTs
- Useful GPTs available
- ChatGPT Team

# **Specialised AI tools**

- · Productivity tools
- · Information retrieval
- · Advanced data analysis

#### Real world case studies

- Typical business problems
- Worked examples of using AI

# Creating your own GPTs (\*)

- The ChatGPT API
- · Design issues
- · Addressing confidentiality

## Virtual assistants (\*)

- · Creating a virtual assistant
- Reminders
- Scheduling

#### Moderation (\*)

- How AI moderation works
- · Jail-breaking AI tools

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 <a href="https://www.wiseowl.co.uk/">https://www.wiseowl.co.uk/</a>.