

Trainer



Dr. Andrew Davis
English Experience,
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Dr. Andrew Davis is a translator, text editor, and soft-skills trainer with more than four decades of professional experience. Since 1980, he has also been active as a researcher in ecology, entomology, network analysis, and multivariate statistics. His broad and interdisciplinary expertise stems from his work with the major science publisher and information provider CAB International, as well as from his experience in several scientific disciplines, including entomology, ecology, biochemistry, and analytical science. For the past 26 years, he has taught courses in Scientific Writing and Publishing, Oral Presentation, Poster Creation, Experimental Design, and Statistics. Since 2005, through his own company, English Experience Language Services, he has delivered training at numerous universities and research institutions throughout Germany.

Prompt Engineering: Working with AI

 Objective

In this workshop, you will develop practical skills in prompt engineering to communicate effectively with AI systems and generate reliable, high-quality outputs. You will learn how to design and refine prompts, adapt them to different domains, and apply techniques that reduce hallucinations and improve response accuracy. By the end of the workshop, you will be able to build your own prompt-driven workflows and apply responsible, ethical AI use in real-world contexts. In particular, you will:

- Understand core principles of prompt design and learn how to structure effective inputs for AI systems
- Apply prompting techniques across different tasks and domains while critically assessing AI outputs
- Develop hands-on experience in building and refining prompt-based workflows, including considerations of safety and responsible use

 Description

Part 1 Foundations and core techniques

1. Introduction to prompt engineering
2. Effective prompt design principles
3. Applied prompting techniques
4. Practice: prompt construction across tasks

Part 2 Domain adaptation, ethics, and final project

1. Domain-specific prompting
2. Safety, ethics, and responsible use
3. Further practice: Building prompt-driven workflows
4. Final project

 Conditions

There is no requirement for previous experience with AI applications.

 Target group

The workshop is open to participants from all disciplines. However, due to the trainer's scientific background, most examples used throughout the course are drawn from the natural sciences.

Organizational Information

Language / Format	English / On campus
Target group	Doctoral Candidates at all stages and Postdocs (R2/R3) from all faculties
Date	Monday-Tuesday, 9-10 November 2026, 9:00 – 17:00
Registration	For registration click here