

# AI CONTRIBUTION TO YOUR BUSINESS

How can AI assist you in your professional activity, what are the tools, the risks ...

## PEDAGOGICAL OBJECTIVES

The aim of this course is to provide the keys to understanding AI in the context of a geomatics-related activity. It is aimed at both companies and public authorities.

We will cover theoretical aspects and put them into practice through exercises on ArcGIS; Chat GPT and Dall e...

At the end of the course, participants will have a concrete vision of the contribution of AI in the geomatics field, the conditions for its implementation and the limitations that may arise.



### TARGET AUDIENCE

General public



### PREREQUISITES

Have followed our 2 webinars on GeoAI (viewable free of charge from our website training-gis.com)



### TEACHING RESOURCES

Software license provided: no

Digital training material given to trainees (with concrete examples and practical exercises)

Evaluation questionnaire and end-of-training certificate



**DURATION** > 1 day. (7h of training)



**RATES** > By quotation



### TERMS AND CONDITIONS

No pre-requisite selection  
Dates to be agreed



### REGISTRATIONS

E-mail > formation@arxit.com

Tel. > + 33 (0)5 46 34 07 71

For disabled access, please contact us.

## CONTENTS

### INTRODUCTION TO AI

- Review of the key points of the two webinars, with Q&A sessions & detailed presentations of points of interest
- The risks of using AI

### BUILDING EXTRACTION USING AI ON ARCGIS

- Extraction strategy
- Neural network selection
- Finding training data
- Application to an image
- Analysis of results

### GEOGRAPHIC DOCUMENT SYNTHESIS USING GENERATIVE AI

- Introduction to ChatGPT
- The secret of a good prompt
- Synthesis of a scientific article related to geomatics

### USING LANGUAGE MODELS (LLM) TO UNLOCK PROBLEMS

- How an LLM can help you unblock a problem
- Putting it into practice: solving a software blockage

### USING AI TO ILLUSTRATE YOUR PRESENTATIONS

- Introduction to DALL-E
- Putting it into practice: creating an image

