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Sign up

Training Thwarting AI bias through critical thinking
1 day (7 hours)

Presentation

AI reflects human and data biases; developing critical thinking skills enables you to analyze information objectively and make discerning decisions.

Our course Thwarting AI biases through critical thinking will enable you to understand the different biases present in AI, apply critical questioning methods and put in place strategies to reduce their impact in your daily professional life.

At the end of the course, you'll be able to use AI wisely, reap its benefits while reducing its risks, and promote more responsible and ethical use within your teams.

Like all our training courses, this one favors a practical and operational approach.

Objectives

- Identify the critical foundations
- Understand cognitive and algorithmic biases
- Adopt a critical, ethical and strategic stance towards Generative Artificial Intelligence (GAI)

Target audience

- Anyone wishing to strengthen their critical thinking skills in the face of AI.

Prerequisites

- No technical prerequisites required

Training program Thwarting AI bias through critical thinking

[Day 1 - Morning]

Understanding AI biases and their impact

- Definition of cognitive biases and their transposition to AI
- Types of bias in AI systems: data, algorithms, users
- Case studies: facial recognition, recruitment, recommendations
- Ethical, social and organizational consequences
- Practical workshop: Identifying biases in concrete examples.

[Day 1 - Afternoon]

Developing critical thinking skills for AI systems

- Distinguishing facts, opinions and inferences in AI responses
- Critical questioning techniques (Socratic questioning, 5 Whys)
- Assessing the reliability of sources and models
- Strategies for detecting and limiting bias
- Practical workshop: Analyze a case study and propose counter-arguments.

Building a responsible approach to AI

- Best practices for an enlightened use of AI
- Integration into managerial decision-making
- Introduction to AI ethics and governance
- Raising team awareness of AI bias
- Practical workshop: Drawing up a best practices charter.

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced IT technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is confirmed, the learner receives a self-assessment questionnaire enabling us to

assess their estimated level of proficiency in different types of technology, and their expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) that could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical training: 60% hands-on, 40% theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Certification

A certificate will be awarded to each trainee who has completed the entire course.