EU AI Act

Conformity requirements for high risk systems

Lecture 1: Welcome, and what you'll learn
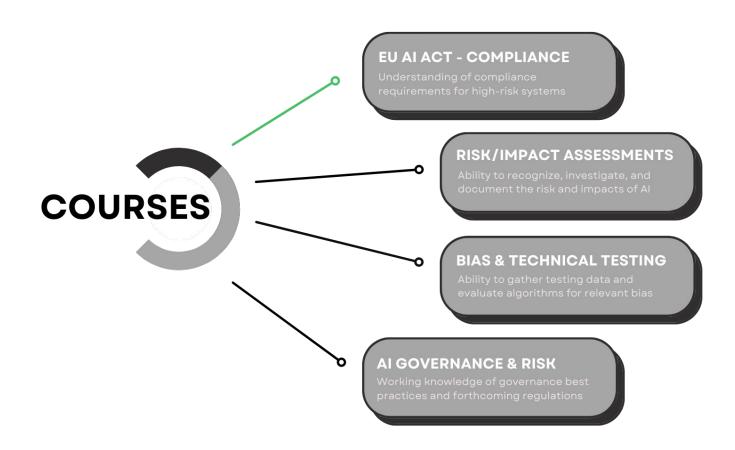
The Algorithmic Bias Lab

babl

Welcome to The Algorithmic Bias Lab! This course is part of the EU AI Act - Quality Management System - Oversight Certification which is meant to prepare risk and compliance professionals to manage compliance with the EU AI Act (AIA).

"AI and automated decision systems will play a central role in the future global society and economy. BABL AI's mission is to ensure that all algorithms are developed, tested, deployed, and governed in ways that prioritize human flourishing."

-BABL AI Mission Statement

{ What We Do }

AI Governance
Gap Analysis

Ethical Risk &
Impact Assessments

AI Audit &
Assurance

Responsible AI
Corporate Training

AI Audit & Assurance

Audit	Description
NYC Local Law No. 144	• Compliance Audit for bias testing of automated employment decision tools • ISAE 3000 - Reasonable Assurance
EU AI Act Conformity Assessment	• Assurance engagement for EU AI Act conformity (until CAB designation) for high-risk AI systems • ISAE 3000 - Reasonable Assurance
ISO/IEC 42001	• Certification for AI Management System • ISO/IEC 42006
Rapid Procurement Audit	• Rapid procurement audit of vendors to ensure minimal AI governance and technical testing • ISAE 3000 - Limited Assurance

AI Audit &
Assurance

babl

EU AI Act - Compliance

Topics

- Week 1 - Foundations of the AI Act
  - Overview of the Act
  - Definition of Actors
  - Risk Categorization
  - Obligations for Providers
  - Obligations for Deployers
- Week 2 - Strategies for Compliance
  - Quality Management System
  - Transparency & Information Provision
  - Risk Assessment & Management
  - Data Governance & Quality
  - Technical Documentation
  - Human Oversight & Monitoring
  - Conformity Assessment

EU AI Act - Compliance

Goals for this course

Broad capabilities for compliance professionals

- This is NOT meant to be comprehensive
- You do NOT need to be technical
- Know the language of the Act and be able to navigate the text
- Perform basic risk categorization of AI systems
- Understand the basic requirements for high-risk systems
- Understand different elements of AI testing, validation, and monitoring
- Apply strategies for compliance and develop internal controls

Assessment

Certificate of completion for this course requires.

- Completion of the videos
- 80% or higher on quizzes
- Completion with approval of two exercises

EU AI Act QMS Oversight Certification

- Completion of all four required courses
- 80% or higher on the certification examination

AI & Algorithm Auditor Profile

babl

Jim Stuart Mill

Associate AI Auditor

B.S. Philosophy
Grad. Cert.: Data Science

ABOUT

Expert in AI risk management, with a focus on transparency documentation and societal impact assessments for social media platforms.

Regulations

E.U. (AI Act)
E.U. (DSA)
U.S. (FTC)
U.S. (EEOC)
U.S. (NYC LL144)

Standards

NIST AI RMF
ISO/IEC 23894
ISO/IEC 42001

Applied Experience

Algorithmic Risk Assessments

AI Governance Consulting

Bias & Technical Assessments

Audit Review

Stakeholder Interviews

Transparency Statements

Proposal Writing

Next: Overview of the Act

The Algorithmic Bias Lab

babl