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EU AI Act:
AI Fundamentals

Stay Ahead. Stay Compliant.

As artificial intelligence reshapes industries, the need for responsible, compliant AI practices is more critical than ever. With regulations taking effect in just six months, this course offers both companies and individuals the essential knowledge to stay credible and competitive in the evolving AI landscape.

For organizations, it's a chance to safeguard against penalties, protect your brand, and ensure your AI systems align with new legal requirements. For professionals, staying informed on the EU AI Act will boost your expertise, making you a valuable asset in guiding businesses through this complex regulatory environment. Whether you're a leader in your field or looking to advance your career, this course equips you with the tools to navigate AI compliance and seize opportunities in this rapidly changing field.

What You Will Learn

Overview of the EU AI Act and Its Impact

Understand the scope, purpose, and stakeholders of the EU AI Act, including its implications for AI systems and general-purpose AI models.

Regulation of Prohibited AI Practices:

Learn about the AI practices that are strictly forbidden under the Act, real-world examples, and the consequences of non-compliance.

Managing High-Risk AI Systems

Explore the criteria for classifying high-risk AI systems, the regulatory requirements, and penalties associated with these systems to ensure safety and compliance.

General-Purpose AI and Its Role

Delve into the specific obligations and risks associated with General-Purpose AI models, including their distinctions from other AI systems.

Obligations for AI Providers and Users

Understand the responsibilities of deployers, providers, and authorized representatives, including human oversight and key compliance measures to ensure adherence to the EU AI Act.

Course Methodology

This course simplifies the complex regulations of the entire EU AI Act through comprehensive video content, breaking down key definitions, obligations, requirements, and timelines across all aspects of the Act. It uses synthesized information along with infographics, mind maps, quadrants, and tables to effectively visualize the content, ensuring clear and thorough understanding of the regulations.

Interactive exercises are integrated throughout the modules to reinforce key terms and processes. At the end of each module, quizzes will help verify your learning, followed by real-life case studies demonstrating practical applications of the content. Tailored workshops offer professionals the tools they need to apply what they've learned and ensure regulatory compliance within their own organizations.

Materials
Learning Resources

Infographics
Visual summaries of complex regulations for easy understanding.

Interactive Exercises and Quizzes
Activities to reinforce key terms and concepts and End-of-module quizzes to test your understanding.

Case Studies
Real-life examples to apply EU AI Act concepts at the end of each module.

Workshops
Practical tools to apply content in your organization.

Additional Resources
Key terms and definitions at the end of each module and a breakdown of key stakeholders and their roles.

Summary

Introduction to the EU AI Act

- Provides an in-depth overview of the EU AI Act, covering its purpose, scope, and key stakeholders such as providers, deployers, and regulators. It outlines the legislative process, geographical scope, and timeline for compliance, offering a foundation for understanding the Act's role in regulating AI systems across the EU.

Prohibited AI Practices

- Identifies specific AI systems and practices banned under the AI Act, such as biometric categorization and social scoring. This module explores real-world examples, explains any exceptions, and details the penalties organizations face for non-compliance.

High-Risk AI Models

- Explores the criteria for classifying AI systems as high-risk, including risk factors, safety, and misuse potential. It covers the obligations associated with these systems, from risk management to transparency and human oversight, along with penalties for regulatory violations.

General Purpose AI Models

- Defines General-Purpose AI models and outlines the distinct obligations placed on providers of these models. This module highlights examples of high-impact AI applications and explains how these systems differ from other risk categories under the Act.

Responsibilities of Deployers and Users

- Outlines the legal obligations for deployers of high-risk AI systems, focusing on ensuring compliance with the General Data Protection Regulation (GDPR) and conducting fundamental rights impact assessments to protect data privacy and human rights.

Requirements for AI Providers

- Details the obligations providers of high-risk AI systems must meet, including implementing human oversight, appointing authorized representatives, registering systems with the EU database, and ensuring the systems are safe and compliant before market release.

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For more information:

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