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IT AUDITING FOR AI/ML & ROBOTICS PROCESS AUTOMATION

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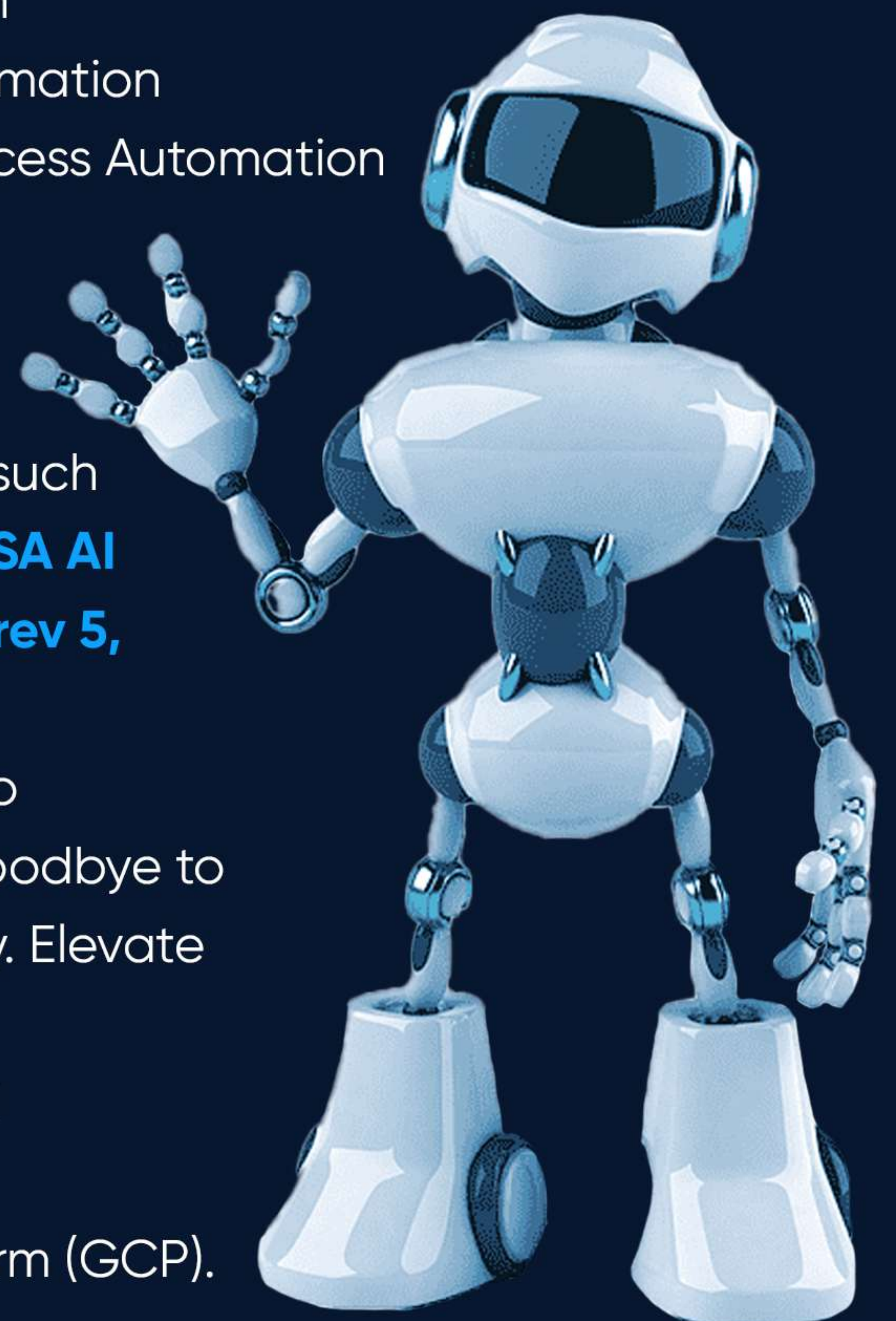
Course Overview :

IT Auditing for AI/ML & Robotics Process Automation is an 8-week course that provides an in-depth understanding of IT auditing practices for emerging technologies such as **Artificial intelligence (AI) and Machine learning (ML) & Robotics Process Automation (RPA)**.

This course will help you develop the skills and knowledge needed to effectively audit these technologies and ensure that they are being used in a secure and compliant manner. In addition, this course will also discuss the growth and earnings prospects for jobs related to AI/ML and Robotic Process Automation. By taking this course, you will learn how to stand out in this growing field and ensure that AI does not replace your job.

What You Will Learn:

- The Role of IT Auditing in AI/ML & Robotics Process Automation
- Introduction to AI/ML, and Robotics Process Automation
- Risks associated with AI/ML, and Robotics Process Automation
- Assessing risks associated with AI/ML, and Robotics Process Automation
- Gathering Evidence to support risk assessments
- Requesting evidence to support risk assessments
- Documenting gaps and remediation
- List and Mapping for Security Standards & Frameworks such as **NIST AI Risk Management Framework (AI RMF 1.0), USA AI Bill of Rights, EU AI Act, SOC 2, ISO 27001, NIST 800-53 rev 5, CCPA, GDPR, COBIT 2019, etc.**
- As part of your course, you get exclusive demo access to **Secureframe's automated compliance platform**. Say goodbye to Excel spreadsheets and hello to efficiency and simplicity. Elevate your learning and productivity with us!
- Learn which industries use these security standards and frameworks and jurisdiction.
- Best practices for AWS, Azure, and Google Cloud Platform (GCP).





How This Course Can Benefit Your Career:

- Develop the skills and knowledge needed to audit emerging technologies such as AI/ML & Robotics Process Automation
- Stand out in a growing field and ensure that AI does not replace your job
- Gain a competitive edge in the job market
- Enhance your career development opportunities
- Get Job posting alerts in our members-only community via Microsoft Teams (Free)
 - We offer free access to Microsoft Teams (course participants Only)
- Professional branding assistance for LinkedIn, Medium, and Resume revision.

Who Should Take This Course:

- IT auditors looking to expand their knowledge and skills in emerging technologies
- IT professionals interested in pursuing a career in IT auditing for AI/ML & Robotics Process Automation
- Cloud Engineers, Data Engineers, AI/ML Engineers, Cloud Security Engineers, and Cybersecurity professionals interested in understanding the risks associated with AI/ML & Robotics Process Automation.
- Managers and Executives working or implementing AI/ML & Robotics Process Automation systems.
- Those interested in starting a career in IT Auditing (No prior experience required, but beneficial).

Course Delivery and Time Commitment:

- This course is offered for 8-Weeks
- The delivery format is a mix of Hands-on exercises, reading, and Live Virtual sessions:
- Enrollment is now open
- **Start date: Tuesday, 19 September 2023**
- **End date: Saturday, 11 November 2023**
 - Tuesdays 6:30 PM CST to 9:30 PM CST*
 - Saturdays from 12 PM CST to 4:00 PM CST*

Active participation in Weekly discussions with the professional community using Microsoft Teams. (Free).



Course Outline

Week 1: Introduction to IT Auditing

- Grasping the IT audit process
- IT auditor responsibilities in AI/ML & RPA contexts
- Core concepts of IT governance, risk management, and compliance (GRC)
- Important regulatory frameworks and standards, including GDPR, HIPAA, and ISO/IEC 27001

Week 2: AI/ML and RPA Essentials

- AI/ML technologies and methods fundamentals
- RPA introduction and uses
- AI/ML & RPA implementation across sectors
- Ethical Concerns and Risks in AI/ML & RPA Deployment

Week 3: IT Audit Planning and Preparation

- Risk assessment process comprehension
- Pinpointing and ranking AI/ML & RPA audit areas
- IT audit plan creation
- Collecting and examining pertinent documents and data

Week 4: Analyzing Internal Controls and Security

- Assessing internal control efficacy in AI/ML & RPA settings
- Uncovering and addressing control shortcomings
- Examining data security and privacy safeguards
- Secure AI/ML & RPA solution development and deployment

Week 5: Assessing AI/ML & RPA Performance and Accuracy

- Confirming AI/ML algorithm accuracy and performance
- Appraising RPA process dependability
- Recognizing biases and their effects on AI/ML results
- Continuous AI/ML & RPA system upkeep and enhancement

Week 6: Regulatory Compliance and Audits

- Comprehending AI/ML & RPA regulations
- Verifying compliance with sector-specific rules
- Ensuring data privacy and protection law adherence
- Preparing for and addressing regulatory audits

Week 7: Reporting and Remediation

- Conveying IT audit results to relevant parties
- Creating and executing a remediation strategy
- Supervising remediation advancement
- Persistent risk management and control refinement

Week 8: Case Studies and Best Practices

- Examining real-life IT audit instances for AI/ML & RPA systems
- Identifying frequent IT audit challenges and obstacles
- Adopting industry-proven best practices
- Utilizing IT Audit Principles in Practical Scenarios

Course Fee

\$8,500

APPLY COUPON CODE

FORTIFY →

TO SAVE \$1500

Only \$7,000

AFTER DISCOUNT

ENROLL NOW →

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Hands-On Case Studies:

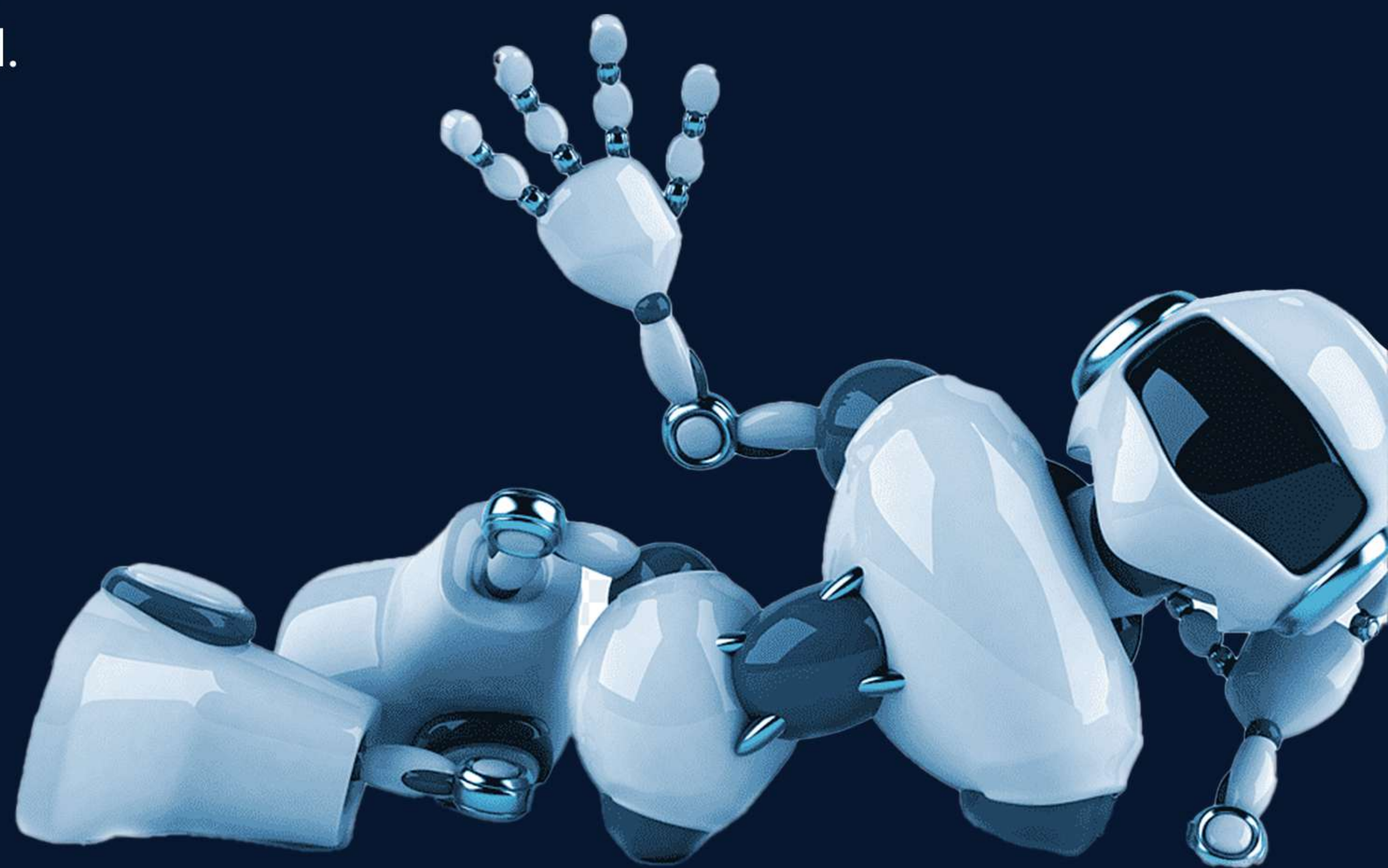
This course includes hands-on case studies that will allow you to apply the concepts learned in class to real-world scenarios. By working through these case studies, you will gain practical experience and develop the skills needed to effectively audit AI/ML & Robotics Process Automation technologies.

Career Development and Assistance:

This course also provides career development and assistance to help you achieve your professional goals. You will have access to career resources and guidance from experienced instructors who can help you develop your skills and advance your career.

Access to Professional Community and Network with Peers:

By taking this course, you will also have access to a professional community of peers who are also interested in IT auditing for AI/ML & Robotics Process Automation. This community will provide you with opportunities to network, share knowledge, and collaborate with other professionals in the field.





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