

# AI COURSE CERTIFICATIONS

**CATALOG** 



thetrainingassociates.com

# **Experience. Talent. Results.**

#### **About TTA**

For over 30 years, TTA (The Training Associates) has been the go-to partner for organizations seeking world-class learning and development talent.

As a women-owned business and pioneer in the L&D industry, we help organizations, from fast-growing startups to Fortune 500 enterprises, build workforce capability through expertly designed training solutions.

Our strength lies in our expansive network of vetted, highly skilled professionals. With thousands of trainers, instructional designers, and subject matter experts, we bring unmatched experience across learning strategy, leadership development, compliance, systems training, and now, cutting-edge areas like AI, machine learning, and blockchain.

As the demand for technical and AI skills accelerates, TTA is uniquely positioned to support organizations with role-based certification programs, scalable technical training, and the expert talent to deploy it all.

With TTA, you gain a strategic partner committed to future-ready learning, designed to drive performance, adoption, and measurable business impact.















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## **Empower with AI Certifications**

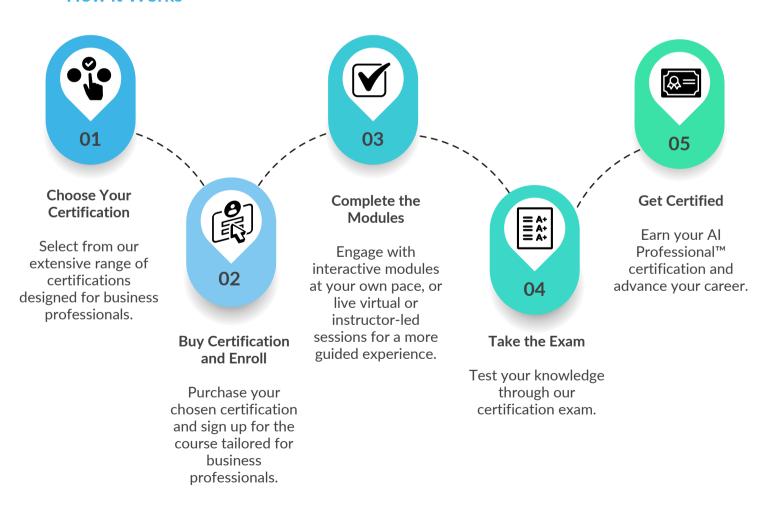
As industries accelerate their adoption of automation, data intelligence, and decentralized systems, the demand for skilled professionals who can apply these tools effectively is rising fast. In fact, 75% of executives say they're struggling to find the talent needed to meet their Al goals.

Our role-based certification programs are designed to close that gap. Whether you're preparing your workforce for digital transformation or enhancing specialized capabilities, our AI and blockchain certifications deliver practical, job-aligned skills that empower your teams to adapt, innovate, and lead.

#### **Explore Role-Based Certifications Aligned to Your Business Needs**

From foundational knowledge to advanced applications, our certifications support employees across functions—technical, creative, business, and beyond. Each program equips learners with real-world tools and industry-relevant expertise to solve problems, enhance decision-making, and drive meaningful growth.

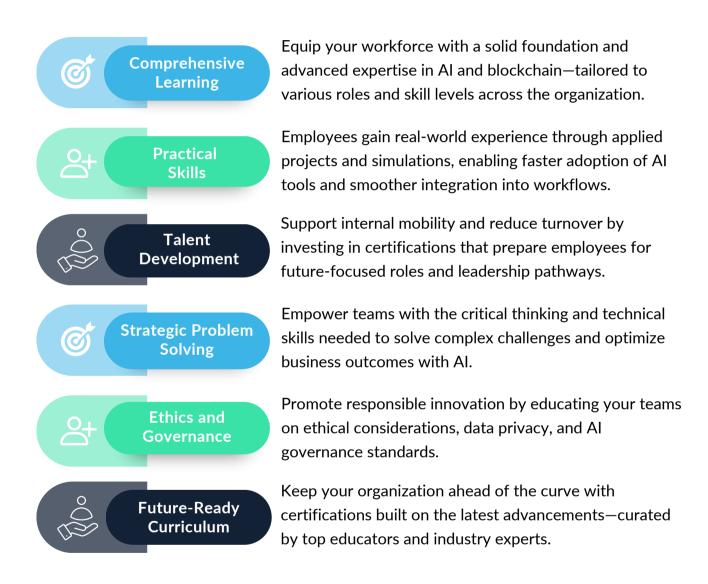
#### **How it Works**



### **Benefits of AI Certifications**

All is reshaping the workplace, and organizations that invest in upskilling are gaining a measurable edge. According to McKinsey, over 50% of companies have already adopted All in at least one business function, and that number continues to rise.

As AI capabilities grow, so does the need for employees who understand how to use these tools strategically and responsibly. Certification programs help close this gap, equipping teams with the skills to drive innovation, improve efficiency, and stay ahead of the curve.



Organizations that embed continuous learning through structured certification programs build a culture of adaptability, resilience, and forward momentum. Investing in role-based AI and blockchain certifications ensures your teams keeps pace with change, and becomes drivers of it, positioning your business to lead in an increasingly intelligent economy.



# Al Essentials Certifications



# AI+ Foundation™

## **SKILLS YOU'LL GAIN**

- Al Fundamentals
- Prompt Engineering
- Deployment of Al Models
- Al Ethics
- Al Governance
- Al-Driven Automation
- Al Strategies

#### **TOOLS YOU'LL MASTER**

- ChatGPT
- Humata Al
- Amto.Al
- Al Lawyer

#### WHO SHOULD ENROLL

- Business Professionals
- Technology Leaders
- Ethics Professionals
- Al Enthusiasts

### ABOUT AI<sup>+</sup> FOUNDATION™

Building the Future with AI: A Strong Foundation for Tomorrow's Innovators.

- Beginner-Friendly Course: Ideal starting point to explore Al principles and practical tools
- Foundational Learning: Covers AI fundamentals, real-world applications, and ethics
- No Technical Background Needed: Requires basic interest in using technology

#### **OVERVIEW**

- Foundational AI Knowledge: Gain a strong foundation in AI, ethics, and real-world applications, equipping you with essential AI knowledge.
- Practical Application of AI: Learn how to effectively interact with AI models and apply AI tools to real-world challenges.
- Ethical Al Adoption: Understand the ethical considerations of Al, including fairness, transparency, and privacy.
- Increased Competitiveness: Learn prompt engineering and AI tools to enhance innovation in your work.
- Real-World Insights: Explore how AI is reshaping industries and gain valuable insights into its practical applications.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



**Duration**: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





# AI<sub>+</sub> Executive™

### **SKILLS YOU'LL GAIN**

- Al Strategy Development
- Al Integration in Business
- Ethical Considerations in Al
- Al Trend Analysis
- Informed Decision-Making with AI
- Leadership in Al-Driven Organizations
- Al-Driven Business Transformation

#### **TOOLS YOU'LL MASTER**

- Copilot
- UiPath
- Pega Infinity

#### WHO SHOULD ENROLL

- Business Leaders & Executives
- Data Scientists & Analysts
- IT Managers
- Technology Consultants

## ABOUT AI+ EXECUTIVE™

Pioneering AI: Leading with Insight and Impact

- Strategic Business Focus: Tailored for leaders to drive Alled business transformation
- Decision-Making Power: Equips professionals with handson insights for informed AI adoption
- End-to-End Understanding: Covers frameworks from Al basics to real-world implementation
- Leadership-Ready Skills: Empowers executives to confidently integrate AI within operations

#### **OVERVIEW**

- Strategic Al Insights: Understand Al technologies and their business impact to develop and execute effective Al strategies.
- Practical Application: Engage in workshops and case studies to gain practical, actionable AI knowledge.
- Ethical AI Implementation: Learn the ethical and legal considerations for responsible AI practices.
- Future-Proof Workforce: Prepare your team with the skills needed to thrive in an Al-driven workplace.

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- Familiarity with Neural **Networks**
- Basics of Natural Language Processing (NLP)
- History and Concepts of Al
- Designing Effective AI **Prompts**
- Practical Application of **Prompt Engineering**
- Project-Based Learning in AI Prompting

#### **TOOLS YOU'LL MASTER**

- LangChain
- OpenAl's GPT

#### WHO SHOULD ENROLL

- Research Scientists
- Data Scientists & **Analysts**
- Developers
- Programmers
- Business Leaders
- Business Strategists
- Machine Learning **Engineers**

# AI<sup>+</sup> Prompt Engineer Level 1™

#### ABOUT AI<sup>+</sup> PROMPT ENGINEER LEVEL 1™

Master AI Prompts: Elevate Your Engineering Skills

- Foundational Knowledge: Covers generative Al, ML, NLP, and neural networks essentials
- Hands-on Learning: Offers practical training in designing and optimizing prompts
- Industry-Relevant Skills: Prepares learners to build effective Al solutions across sectors
- Prompting Expertise: Certifies participants to craft impactful, domain-specific prompts

#### **OVERVIEW**

- Comprehensive Al Knowledge: Understand Al fundamentals, including machine learning, deep learning, and natural language processing.
- Advanced Prompt Engineering: Master key principles and advanced techniques to craft effective prompts and troubleshoot issues.
- Practical Al Tools and Models: Gain hands-on experience with cutting-edge AI tools, text, and image generation models like GPT-4 and DALL-E 2.
- Ethical AI Practices: Learn about AI ethics, including data security, privacy, and regulatory compliance to ensure responsible AI use.

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- Fundamental AI Principles
- Technological Advancements in Al
- Real-World Al Applications
- Al Project Workflows
- Ethical Considerations in Al
- Generative Al **Understanding**
- Industry-Specific AI **Implications**

#### **TOOLS YOU'LL MASTER**

- Runway ML
- SciPy
- AIVA
- Grammarly

#### WHO SHOULD ENROLL

- Business Leaders
- Marketing Professionals
- Product Managers
- Consultants & Trainers

# Everyone™

#### ABOUT AI<sup>+</sup> EVERYONE™

Empower Lives with AI: Accessible, Intuitive, Impactful

- Beginner-Friendly Course: Ideal starting point for those new to AI, covering core principles and practical insights
- Comprehensive Learning: Covers AI basics, real-world applications, generative AI, and ethical considerations
- Industry & Societal Impact: Gain insights into Al's role in industries and its broader societal influence
- Actionable Guidance: Offers step-by-step resources to kickstart your Al journey and develop essential skills

#### **OVERVIEW**

- Al Fundamentals for All: Understand the core principles of Al, its technologies, and how they apply across industries to drive innovation and improve processes.
- Practical Knowledge: Gain hands-on experience through accessible, real-world applications, ensuring you can implement AI solutions effectively.
- Ethical and Responsible AI: Learn the ethical considerations and societal impacts of AI, ensuring that you can apply AI technologies responsibly and ethically.
- Ready for Al-Driven Success: Build a strong foundation in Al, preparing you to navigate and thrive in an Al-driven world with the skills and confidence to contribute meaningfully.

#### AT A GLANCE



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# Al Business Certifications



- Al Strategy Development
- Leadership and Team Management
- Al Ethics and Governance
- Data-Driven Decision-Making

#### **TOOLS YOU'LL MASTER**

- LeewayHertz (ZBrain)
- C3.ai
- Coupa (LLamasoft)
- Zebra (Workcloud **Demand Intelligence** Suite)

#### WHO SHOULD ENROLL

- CTOs, CIOs, or CDOs (Chief Digital Officers)
- · CEOs and Founders of **Tech Companies**
- COOs and Operations **Executives**

# Chief Al Officer™

#### ABOUT AI<sup>+</sup> CHIEF AI OFFICER™

Al Leadership for Chief Officers: Driving Innovation and Intelligence

- Leadership Upgrade: Equip C-suite executives to lead Aldriven innovation
- Efficiency Focus: Use AI tools to optimize operations, decision-making, and resources
- Strategic Role: Aligns Al implementation with business intelligence goals
- Course + Exam: Combines theory and practical insights in a compact format

#### **OVERVIEW**

Drive Al Strategy:

- Learn to develop and execute a strategic AI roadmap to guide organizational growth and innovation.
- Manage Cybersecurity Risks: Gain insights into mitigating cybersecurity threats and ensuring AI systems' security and privacy.
- Foster Data-Driven Decisions: Master techniques to utilize data effectively for informed decision-making and business optimization.
- Build High-Performing Teams: Learn strategies to assemble and lead AI-focused teams that drive successful project execution.
- Navigate Regulatory Frameworks: Understand the regulatory environment around AI and ensure compliance while maximizing business impact.

#### AT A GLANCE



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- Al Integration in Supply Chain
- Supply Chain Optimization
- Predictive Analytics
- Regulatory Compliance

### **TOOLS YOU'LL MASTER**

- LeewayHertz (ZBrain)
- C3.ai
- Coupa (LLamasoft)
- Zebra (Workcloud Demand Intelligence Suite)

#### WHO SHOULD ENROLL

- Supply Chain Professionals
- Logistics Managers
- Operations Managers
- Procurement Experts
- Business Leaders

# AI<sup>†</sup> Supply Chain™

### ABOUT AI<sup>+</sup> SUPPLY CHAIN™

Transforming Supply Chain Management Comprehensive Learning:

- Covers logistics, operations, and supply chain digitization
- Advanced Supply Strategies: Develop innovative supply strategies and workflows
- Sector-Specific Solutions: Tailored sessions for real-world, sector-specific challenges
- Lead Al Supply Efficiency: Prepares learners to lead in Alled supply chain efficiency

#### **OVERVIEW**

Leverage AI for Smarter Supply Chain Operations: Learn how

- Al tools can optimize logistics, reduce costs, and improve supply chain efficiency from end to end.
- Optimize Demand Forecasting with AI: Use AI-driven analytics to predict demand, streamline inventory management, and reduce stockouts or overstocking.
- Stay Ahead in AI-Powered Supply Chain: As industries increasingly adopt AI, professionals with AI supply chain expertise are in high demand to drive innovation and efficiency.
- Enhance Decision-Making with Predictive Analytics: Master Al algorithms to analyze supply chain data and make informed, real-time decisions to improve overall operations.

#### **AT A GLANCE**



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- Al Ethics Principles
- Risk Mitigation Strategies
- Ethical Al Application Design
- Fairness in Al Systems
- Decision-Making in AI Governance
- Regulatory and Compliance Knowledge
- Ethical Leadership in Al
- Impact Assessment of **Ethical Violations**

#### **TOOLS YOU'LL MASTER**

- Al4People (Atomium -European Institute for Science, Media, and Democracy)
- IBM Al Fairness 360
- IBM AI Explainability 360
- European Commission High-Level Expert Group on Al

#### WHO SHOULD ENROLL

- Ethics Professionals
- Al & Data Enthusiasts
- Compliance Officers
- Technology Leaders

# Ethics™

#### ABOUT AI<sup>+</sup> ETHICS™

Navigate the Intersection of AI and Ethics in Business Landscape

- Responsible AI Focus: Master ethical AI use aligned with business and societal values
- Risk Mitigation: Learn to manage compliance, transparency, and AI decision-making
- Strategic Guidance: Integrate ethical practices into Al adoption and leadership
- Reputation Builder: Build organizational trust and credibility in AI deployments

#### **OVERVIEW**

- In-Depth Ethical Understanding: Understand ethical considerations and social impacts of AI for responsible decision-making.
- Bias Mitigation and Fairness: Learn strategies to identify and prevent biases in AI systems, ensuring fairness and transparency.
- Privacy and Security Assurance: Explore strategies to safeguard privacy and secure AI systems and data.
- Legal and Regulatory Compliance: Understand global AI regulations to ensure compliance with legal and ethical standards.

#### AT A GLANCE



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- Applying AI in Real-Time **Development Problems**
- Integrating AI with Intelligent Systems
- Al Systems Usage and Incorporation
- Al Algorithms and Architectures
- Al Model Implementation
- Al Project Management **Process**
- Designing and Implementing AI **Applications**

#### **TOOLS YOU'LL MASTER**

- Hive
- Wrike
- Trello
- ClickUp

#### WHO SHOULD ENROLL

- Project Management **Professionals**
- IT Professionals
- Business Strategists
- Tech Enthusiasts & **Innovators**

# Project Manager™

#### ABOUT AI<sup>+</sup> PROJECT MANAGER™

Streamline Project Success: Al-Enhanced Intelligent Solutions

- Real-Time Integration: Learn to apply AI in project planning, decision-making, and execution
- Advanced Curriculum: Covers Al algorithms, ML, and resource allocation tools
- Multi-Disciplinary Focus: Tailored for complex, crossfunctional project scenarios
- Leadership Readiness: Empowers professionals to lead Aldriven project success

#### **OVERVIEW**

- Comprehensive Al Understanding: Learn core Al concepts and their applications in project management, enhancing efficiency and decision-making.
- Advanced Al Tools: Discover and implement Al tools for scheduling, risk management, and resource allocation through practical examples and case studies.
- Data-Driven Decision Making: Master data analysis and visualization techniques to make informed project decisions and optimize outcomes.
- Ethical Al Integration: Gain knowledge on mitigating biases, developing AI governance frameworks, and navigating ethical dilemmas in Al-powered projects.

#### AT A GLANCE



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- Al-Driven Customer Segmentation
- Personalized Marketing Campaigns
- Big Data Analysis for Marketing Insights
- Al-Powered Customer **Engagement Strategies**
- Campaign Performance **Optimization**
- ROI Enhancement Using AI
- Ethical AI in Marketing
- Al-Driven Decision Making in Marketing

#### **TOOLS YOU'LL MASTER**

- Hubspot
- Copy.ai
- ActiveCampaign

#### WHO SHOULD ENROLL

- Marketing Professionals
- Digital Marketing Experts
- Business Leaders
- CRM Specialists

# Marketing™

## ABOUT AI<sup>+</sup> MARKETING™

Unlock Marketing Potential: Employ Advanced AI Technologies

- Al-Powered Marketing: Explore predictive analytics, customer journey mapping, and automation
- Strategic Impact: Learn to develop data-backed, personalized marketing strategies
- Future-Focused Tools: Includes chatbots, AI content, and trend forecasting
- ROI & Retention: Boost lead generation, customer retention, and innovation

#### **OVERVIEW**

- AI in Marketing Essentials: Learn foundational AI concepts to streamline workflows and enhance marketing effectiveness.
- Al-Driven Campaign Optimization: Master Al algorithms to optimize ads, personalize messages, and automate performance tracking.
- Customer Insights through AI: Analyze data with AI to gain insights, predict trends, and personalize marketing
- Ethical AI Practices in Marketing: Understand ethical AI practices, mitigate biases, and ensure transparency and fairness in marketing.

#### AT A GLANCE



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- Leveraging Sales Data with
- Exploring AI Technologies for Sales
- Integrating AI into CRM **Systems**
- Applying AI for Sales **Forecasting**
- Enhancing Sales Processes with AI
- Navigating Ethical Considerations in Al Sales
- Implementing AI-Driven Strategies for Sales **Optimization**

#### **TOOLS YOU'LL MASTER**

- Salesforce Einstein
- Conversica
- Uniphore

#### WHO SHOULD ENROLL

- Sales Executives
- Marketing Professionals
- Business Development **Managers**
- Product Managers
- Consultants

# Al<sup>†</sup> Sales™

#### ABOUT AI<sup>+</sup> SALES™

Boost Sales Success Through Al-Driven Insights

- Sales Transformation: Harness AI to boost sales operations, CRM integration, and forecasting
- Hands-on Approach: Practical workshops covering AI tools and ethical sales practices
- Data-Driven Insights: Learn to analyze, optimize, and automate sales processes
- Growth-Oriented: Drive ethical business growth and maximize performance

#### **OVERVIEW**

- Comprehensive Al Understanding: Learn core Al concepts for streamlined sales workflows, trend forecasting, and client engagement.
- Predictive Sales Analytics: Learn to leverage AI for predictive modeling, forecasting sales, and enhancing decision-making.
- Al-Enhanced Customer Insights: Explore Al tools to analyze behavior, automate scoring, and personalize outreach effectively.
- Ethical Al Integration: Gain insights on addressing ethical concerns and establishing AI governance in sales.

#### AT A GLANCE



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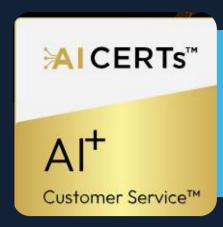


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- Data Collection and Analysis for Al
- Al Solution Implementation Strategies
- Customer Experience Optimization with Al
- Ethical Considerations in Al Deployment
- Future Trends in Al for **Customer Service**
- Crafting Al Strategies for Organizations

#### **TOOLS YOU'LL MASTER**

- Zendesk
- Freddy Al
- Octane Al
- Rul.ai

#### WHO SHOULD ENROLL

- Customer Service **Executives**
- Technology Leaders
- Customer Experience **Professionals**
- Business Analysts

# Customer Service™

#### ABOUT AI<sup>+</sup> CUSTOMER SERVICE™

Enhance Customer Experiences: Employ Al-Powered Service Solutions

- Customer-Centric AI: Redefine service workflows with AIpowered personalization
- Practical Execution: Implement automation tools to optimize CX and satisfaction
- Ethical AI Integration: Covers trust-building and responsible Al practices
- Competitive Edge: Learn to enhance communication and service delivery at scale

#### **OVERVIEW**

- Master Al-Driven Customer Support: Learn how to integrate Al-powered chatbots, voice assistants, and automated ticketing for enhanced service.
- Improve Customer Satisfaction with AI: Use AI analytics to personalize interactions and resolve queries efficiently.
- Stay Ahead in Al-Powered Customer Experience: Al-driven customer service is transforming businesses, and companies seek professionals skilled in AI adoption.
- Expand Your Career in Al Customer Service: High demand for Al-powered customer service professionals across ecommerce, SaaS, banking, and telecom sectors.

#### AT A GLANCE



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- Advanced AI Content Creation
- Content Optimization and SEO with AI
- Al Prompt Engineering Mastery
- Al-Driven Editorial **Processes**

#### **TOOLS YOU'LL MASTER**

- Frase
- Jasper
- Copy.ai
- QuillBot

#### WHO SHOULD ENROLL

- Content Creators
- Copywriters & Marketers
- SEO Specialists
- Business Leaders

# Writer™

#### ABOUT AI<sup>+</sup> WRITER™

Redefine Writing Excellence with AI Assistance

- Content Reinvented: Leverage AI for SEO, monetization, and impactful storytelling
- Productive Workflow: Enhance writing speed, accuracy, and tone with AI tools
- Creative Empowerment: Master AI prompt engineering for dynamic content
- Results-Driven: Produce optimized, high-performance content at scale

#### **OVERVIEW**

- Leverage AI for Scalable Content Production: Learn how to create high-quality blogs, articles, and marketing copy using Al tools.
- Optimize Content for SEO & Engagement: Use Al-driven analytics to craft SEO-optimized, high-ranking, and audience-focused content.
- Stay Ahead in Al-Powered Writing: The content industry is evolving, and AI-skilled writers are in high demand.
- Expand Your Career in Al Writing & Automation: Al-driven writing expertise is essential in media, marketing, publishing, and e-commerce.

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- Al Branches Exploration
- Al Applications in Product Management
- Role of an Al Product Manager
- Bridging Technology and **Market Solutions**
- Al in Product Development
- Benefits and Competitive Advantages of Al
- Al Product Development **Processes**

#### **TOOLS YOU'LL MASTER**

- ChatGPT
- Al Fairness 360
- Power BI
- IBM Watson OpenScale

#### WHO SHOULD ENROLL

- Product Managers
- Technology Enthusiasts
- Business Analysts

# Product Manager™

#### ABOUT AI<sup>+</sup> PRODUCT MANAGER™

Innovate Products Faster with AI-Enabled Management

- Product Innovation: Leverage AI to drive product development and market fit
- Concept to Execution: Explore AI applications in real product lifecycle scenarios
- Market Advantage: Bridge the gap between tech innovation and customer needs
- Leadership Ready: Prepare for leading roles in fast-evolving product ecosystems

#### **OVERVIEW**

- Al in Product Management Essentials: Learn foundational Al concepts to optimize product development and enhance decision-making.
- AI-Driven Product Innovation: Master AI tools and techniques to drive product innovation, improve customer experience, and accelerate time-to-market.
- Data-Driven Product Strategies: Utilize AI to analyze data, predict trends, and create personalized product strategies for targeted customer engagement.
- Ethical AI in Product Development: Understand ethical AI practices, mitigate biases, and ensure transparency and compliance in product management.

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- Strategic Implementation of ΑI
- Legal Compliance
- Data-Driven Decision Making
- Future-Readiness in HR **Technologies**

## **TOOLS YOU'LL MASTER**

- TensorFlow
- Scikit-learn
- Al Fairness 360
- Zotero

#### WHO SHOULD ENROLL

- HR Professionals
- Talent Acquisition Specialists
- People Analytics Experts
- Business Leaders

# Human Resources™

#### ABOUT AI<sup>†</sup> HUMAN RESOURCES™

Building Tomorrow's Workforce Today with Al-Driven Solutions

- Al in Workforce: Learn to integrate Al for smarter recruitment and performance systems
- Data-Driven HR: Gain insights into talent acquisition and evaluation using ML
- Ethical Application: Understand responsible Al practices in people management
- Future-Ready Skills: Prepare to handle evolving HR dynamics with efficiency and equity

#### **OVERVIEW**

- Al-Driven Recruitment Strategies: Learn to leverage Al for data-driven recruitment, improving talent acquisition processes and decision-making.
- AI-Enhanced Performance Management: Gain skills in using AI and machine learning to evaluate and optimize employee performance effectively.
- Ethical AI in HR: Understand and implement ethical guidelines for AI usage in HR, ensuring fairness and transparency in decisions.
- Competitive Edge in HR: Stand out in the HR field by mastering AI integration, positioning yourself as a leader in the Al-driven HR era.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





- Financial Data Analysis Using AI
- Machine Learning and **Predictive Modeling**
- Al for Algorithmic Trading
- Automation of Financial Workflows
- Natural Language Processing (NLP) for Financial Text

#### **TOOLS YOU'LL MASTER**

- Sentieo
- Magnifi
- QuantConnect
- AlphaSense

#### WHO SHOULD ENROLL

- Finance Professionals
- Financial Analysts & Advisors
- Banking & Investment **Experts**
- Business Leaders

# Finance™

#### ABOUT AI<sup>+</sup> FINANCE™

Maximize Returns with AI-Enhanced Financial Strategies

- Finance Transformation: Explore Al use in credit risk, fraud detection, and forecasting
- Smart Modelling: Apply predictive analytics and blockchain in financial strategies
- Practical Al Tools: Optimize operations and decisionmaking with hands-on training
- Strategic Readiness: Build financial resilience in complex economic ecosystems

#### **OVERVIEW**

- Leverage AI for Scalable Financial Solutions: Learn how to apply AI in financial modeling, risk management, and data analysis to improve decision-making.
- Optimize Investment Strategies with AI: Use AI-driven analytics to enhance portfolio management and forecast market trends.
- Stay Ahead in Al-Powered Finance: The finance industry is rapidly evolving, and Al-skilled professionals are in high demand to drive innovation and efficiency.
- Expand Your Career in Al-Driven Finance: Al expertise in finance is essential for roles in banking, investment, risk management, and financial technology.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





- Al-Powered Legal Research
- Al Impact on Legal **Precedents**
- Al-Assisted Document Review
- Case Prediction Using Al
- Data Privacy and Compliance
- Ethical Considerations in Al and Law

### **TOOLS YOU'LL MASTER**

- ChatGPT
- Humata Al
- Amto Al
- Al Lawyer

#### WHO SHOULD ENROLL

- Legal Specialist
- Tech Enthusiasts
- Ethics Officers
- Compliance Officers
- Data Privacy Officers

# Legal™

#### ABOUT AI<sup>+</sup> LEGAL™

Al-Powered Legal Insights: Building Trust, Delivering Results

- · Future of Law: Equip legal professionals with AI tools for research, privacy, and compliance
- Critical Thinking: Focus on ethical concerns, precedents, and contract management
- Advanced Tools: Covers ML for legal documents, analytics, and case outcome prediction
- Hands-on Projects: Learn via simulations for real-world legal AI deployment

#### **OVERVIEW**

- Master Al-Powered Legal Automation: Learn how to leverage AI for contract analysis, legal research, and case prediction.
- Enhance Compliance & Risk Management with Al: Use Al to navigate complex regulations, ensuring legal accuracy and efficiency.
- Stay Ahead in Al-Powered Legal Tech: Al is revolutionizing legal operations, and firms seek professionals who can integrate Al-driven legal solutions.
- Expand Your Career in Al & Law: High demand for Al-legal experts in corporate law, compliance, intellectual property, and litigation sectors.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



**Duration**: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





- Data Preprocessing and Management
- Machine Learning Model **Development**
- Advanced Statistical **Analysis**
- AI-Enhanced Scholarly **Publishing**

#### **TOOLS YOU'LL MASTER**

- TensorFlow
- Scikit-learn
- Al Fairness 360
- Zotero

#### WHO SHOULD ENROLL

- Scholars & Researchers
- Market Research Analysts
- Data Scientists
- Academic Leaders

# Researcher™

#### ABOUT AI<sup>+</sup> RESEARCHER™

**Empower Discoveries with Artificial Intelligence** 

- Research Evolution: Learn AI tools for market research, analytics, and scholarly writing
- Data Mastery: Gain skills in dataset handling, ethics, and Alenhanced insights
- Innovation Engine: Drive academic and scientific breakthroughs using AI
- Domain Leadership: Prepare to lead research in advanced fields with ethical Al

#### **OVERVIEW**

- Master Al-Driven Research Methodologies: Learn how to design, test, and optimize AI models for academic and industrial research.
- Leverage AI for Data-Driven Insights: Use AI-powered tools for data analysis, hypothesis testing, and predictive modeling.
- Stay at the Forefront of Al Innovation: Organizations and academic institutions seek AI research professionals to advance AI capabilities.
- Expand Your Career in Al Research & Development: High demand for AI researchers in universities, tech firms, R&D labs, and government AI projects.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





# Al Security Certifications



# Security Level 1<sup>™</sup>

## SKILLS YOU'LL GAIN

- Al-Based Threat Detection
- Machine Learning for **Security Automation**
- Al-Driven Incident Response
- Compliance with Standards like GDPR, HIPAA, and NIST

### **TOOLS YOU'LL MASTER**

- CrowdStrike
- Flair.ai
- ChatGPT
- Pluralsight

#### WHO SHOULD ENROLL

- Cybersecurity **Professionals**
- Network Engineers
- IT Managers
- Penetration Testers
- Security Consultants
- Software Developers
- Network Security Administrators
- Risk Management **Specialists**
- Forensic Analysts
- Incident Responders

#### ABOUT AI<sup>+</sup> SECURITY LEVEL 1™

Start your AI security journey with our all-in-one bundle. Explore core concepts in Al-driven protection, vulnerability management, and intelligent threat response.

#### **OVERVIEW**

- Comprehensive Learning: Explore AI and cybersecurity integration through Python, machine learning, and threat mitigation to build a strong technical foundation.
- Cutting-Edge Knowledge: Dive into advanced topics like Albased authentication and GANs to understand next-gen cybersecurity strategies and innovations.
- Al-Driven Threat Detection: Learn to detect malware, phishing, and anomalies using machine learning, enhancing your ability to predict and prevent attacks.
- Hands-on Approach: Apply concepts in a Capstone Project, solving real-world cybersecurity challenges by leveraging AI tools and practical problem-solving skills.
- Boost Strategic Decision-Making with Al Analytics: Master Al models to analyze business data, predict outcomes, and enable more informed, real-time decisions that enhance competitive advantage.
- Industry Relevance: Stay ahead in cybersecurity by mastering Al applications, making you a valuable asset for future-focused security roles and organizations.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



**Duration**: Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options



Exam Format: 11 Modules, 70% passing, 90 minutes





# AI<sup>†</sup> Security Level 2<sup>™</sup>

### **SKILLS YOU'LL GAIN**

- Al-Driven Threat Detection
- Application of Machine Learning in Cybersecurity
- Al-Enhanced Penetration Testing
- Enhanced User
   Authentication Methods

#### **TOOLS YOU'LL MASTER**

- CrowdStrike
- Flair.ai
- Microsoft Cognitive Toolkit (CNTK)

#### WHO SHOULD ENROLL

- Cybersecurity
   Professionals
- Network Engineers
- IT Managers
- Penetration Testers
- Security Consultants
- Software Developers
- Network Security Administrators
- Risk Management
   Specialists
- Forensic Analysts
- Incident Responders

#### ABOUT AI<sup>+</sup> SECURITY LEVEL 2™

Transform your security knowledge with our Al+ Security Level 2<sup>™</sup> course and exam bundle. Learn essential Al-driven security strategies and safeguard next-gen technologies.

#### **OVERVIEW**

- Comprehensive Al-Cybersecurity Integration: Understand how Al and Cybersecurity merge, enhancing your capability to combat evolving digital threats effectively.
- Practical Python Programming Skills: Learn Python tailored for AI and Cybersecurity applications, gaining hands-on coding skills to address real-world security issues.
- Advanced Threat Detection Techniques: Master ML techniques to identify and mitigate email threats, malware, and network anomalies, improving cybersecurity defense.
- Cutting-Edge Al Algorithms: Utilize Al algorithms for advanced user authentication and explore Generative Adversarial Networks (GANs) to strengthen cybersecurity systems.
- Real-World Application Focus: Apply your skills in a Capstone Project, solving real-world cybersecurity problems and preparing for advanced industry challenges.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



**Duration**: Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 10 Modules, 70% passing, 90 minutes





# Security Level 3™

#### SKILLS YOU'LL GAIN

- Deep Learning for Security **Applications**
- Adversarial AI in Security
- Al in Network Security
- Al in Endpoint Security
- Secure Al System **Engineering**
- Al for Cloud and Container Security
- and more

#### **TOOLS YOU'LL MASTER**

- Splunk User Behavior Analytics (UBA)
- Microsoft Defender for **Endpoint**
- Microsoft Azure AD **Conditional Access**
- Adversarial Robustness Toolbox (ART)

#### WHO SHOULD ENROLL

- Cybersecurity **Professionals**
- Network Engineers
- IT Managers
- Penetration Testers
- Security Consultants
- Software Developers
- Network Security Administrators
- Risk Management **Specialists**
- Compliance Officers

#### ABOUT AI<sup>+</sup> SECURITY LEVEL 3™

The Al+ Security Level 3<sup>™</sup> course provides a comprehensive exploration of the intersection between AI and cybersecurity, focusing on advanced topics critical to modern security engineering.

#### **OVERVIEW**

- Gain advanced expertise in applying AI and ML to enhance cybersecurity measures.
- Become proficient in leveraging Al-driven techniques for threat detection, response, and prevention.
- Build skills to secure networks, endpoints, and cloud environments using advanced AI applications.
- · Learn to address adversarial AI challenges and design robust defenses against emerging threats.
- Develop expertise in implementing secure AI systems for identity management, IoT security, and blockchain-based solutions.
- Complete a capstone project to gain practical experience in designing Al-powered security solutions.
- Prepare for advanced roles in Al-driven cybersecurity engineering and system architecture.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content



Delivery: Self-paced eLearning, virtual, or in-person options available



Exam Format: 12 Modules, 70% passing, 90 minutes





# Al<sup>†</sup> Security Compliance™

#### SKILLS YOU'LL GAIN

- Compliance Frameworks
- Regulatory Requirements for Al Systems
- Secure Al Deployment **Strategies**

#### **TOOLS YOU'LL MASTER**

- Secureframe
- LeewayHertz
- Securiti
- Scytale

#### WHO SHOULD ENROLL

- Security Professionals
- Compliance Officers
- Al Developers (securitycritical Al projects)

#### ABOUT AI<sup>+</sup> SECURITY COMPLIANCE™

The Al+ Security Compliance™ is an advanced course that merges the fundamental principles of cybersecurity compliance with the transformative power of artificial intelligence (AI). Building on the CISSP framework, this course focuses on how Al can enhance compliance processes, improve risk management, and ensure robust security measures in alignment with regulatory standards.

#### **OVERVIEW**

- Al-Enhanced Compliance Management: You will be able to integrate AI tools and techniques to streamline and automate compliance processes, ensuring adherence to international cybersecurity standards and regulations.
- Risk Management with AI: You will develop the ability to use AI for conducting comprehensive risk assessments, identifying potential vulnerabilities, and implementing proactive risk mitigation strategies.
- Al-Driven Security Solutions: You will gain hands-on experience with AI applications in security, learning how to implement Al-powered tools for incident response, threat detection, and asset security.
- Understanding of Future AI Trends in Cybersecurity: You will be equipped with knowledge of emerging AI technologies, such as quantum computing, and their implications for cybersecurity, allowing them to stay ahead of evolving threats and innovations.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content

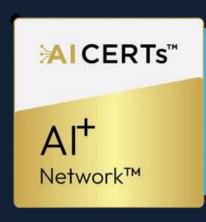


**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 10 Modules, 70% passing, 90 minutes





# AI<sup>†</sup> Network™

## **SKILLS YOU'LL GAIN**

- AI-Powered Network Automation
- Al-Enhanced Network Security
- Network Optimization through AI
- Al for Incident Response and Cybersecurity Intelligence

#### **TOOLS YOU'LL MASTER**

- Elastic
- Juniper
- Netdata

#### WHO SHOULD ENROLL

- Network Engineers
- Cybersecurity
   Professionals
- Al Developers

### ABOUT AI<sup>+</sup> NETWORK™

This course provides professionals with the basic knowledge and advanced skills needed to understand the combination of artificial intelligence and current networking technologies. It discusses fundamental networking concepts, newer technologies such as SDN and NFV, and how AI can enhance network efficiency. Important focus areas consist of AI-powered network automation, orchestration, and security upgrades, combined with hands-on projects and practical labs for real-life implementation. The class ends by examining new developments and upcoming pathways in AI-enhanced networking, getting students ready for leading positions in this quickly changing sector.

#### **OVERVIEW**

- Comprehensive Knowledge: Covers fundamental networking concepts and advanced AI-driven technologies like SDN and NFV.
- Al-Powered Efficiency: Teaches how Al can optimize network performance, automation, and security.
- Future-Ready Skills: Equips you with the skills to adapt to the rapidly evolving Al-enhanced networking landscape.
- Hands-On Experience: Provides practical labs and projects for real-world application of AI in networking.
- Leadership Opportunities: Prepares professionals for leadership roles in the AI and networking fields.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



**Duration**: Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 7 Modules, 70% passing, 90 minutes





# AI<sup>†</sup> Ethical Hacker™

### **SKILLS YOU'LL GAIN**

- Al-Driven Reconnaissance
- Vulnerability Assessment
- Penetration Testing
- Threat Analysis
- Incident Response
- Identity and Access Management
- Secure Al Systems
- Ethical Considerations in Al and Cybersecurity

#### **TOOLS YOU'LL MASTER**

- Acunetix
- Wazuh
- Shodan
- OWASP ZAP

#### WHO SHOULD ENROLL

- Ethical Hackers
- Cybersecurity
   Professionals
- Al Developers
- Tech Developers

## ABOUT AI<sup>+</sup> ETHICAL HACKER™

The AI+ Ethical Hacker™ certification dives into the intersection of cybersecurity and artificial intelligence, a pivotal juncture in our era of rapid technological progress. It offers comprehensive insights into AI's transformative impact on digital offense and defense strategies. The curriculum encompasses four key areas, from course objectives and prerequisites to anticipated job roles and the latest AI technologies in Ethical Hacking.

#### **OVERVIEW**

- Al-Integrated Cybersecurity Techniques: You will develop the ability to integrate Al tools and technologies into cybersecurity practices. This includes using Al for ethical hacking tasks such as reconnaissance, vulnerability assessments, penetration testing, and incident response.
- Threat Analysis and Anomaly Detection: You will develop skills in applying machine learning algorithms to detect unusual patterns and behaviors that may indicate potential security threats.
- Automated Security Protocol Optimization: You will be equipped to utilize AI to dynamically adjust and optimize security protocols based on real-time data analysis and threat assessment.
- Al for Identity and Access Management (IAM): Learners will understand how to apply Al to enhance IAM systems, crucial for maintaining secure access to resources within an organization.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



**Duration**: Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content



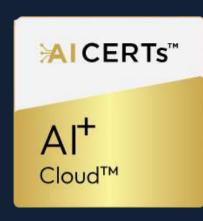
**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 12 Modules, 70% passing, 90 minutes



# Al Cloud Certifications



# AI<sup>†</sup> Cloud™

## **SKILLS YOU'LL GAIN**

- Al Cloud Infrastructure Management
- Cloud Automation with Al
- Predictive Cloud Analytics
- · Cloud Security with AI
- Al-Powered Data Management in Cloud

## **TOOLS YOU'LL MASTER**

- TensorFlow
- SHAP (SHapley Additive exPlanations)
- Amazon S3
- AWS SageMaker

#### WHO SHOULD ENROLL

- Cloud Professionals
- Cloud Architects & Engineers
- IT Infrastructure Managers
- Business Leaders

#### ABOUT AI<sup>+</sup> CLOUD™

Transform Cloud Computing with Cutting-Edge AI integration

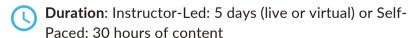
- Cloud-Al Fusion: Learn to integrate Al into scalable cloud environments
- Advanced Infrastructure: Master CI/CD, cloud AI models, and deployment strategies
- Capstone Project: Gain hands-on experience with realworld applications
- Future-Ready Skills: Prepares professionals to lead Alpowered cloud innovation

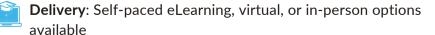
#### **OVERVIEW**

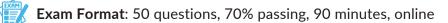
- Leverage AI for Smarter Leadership Decisions: Learn how to harness AI tools to streamline operations, enhance strategic planning, and drive performance.
- Enhance AI Integration Across the Organization: Use AI to accelerate the integration of AI-driven solutions, automating processes.
- Stay Ahead in Al-Driven Innovation: As demand for Al expertise rises, Chief Al Officers with advanced Al knowledge are highly sought after to spearhead Al.
- Boost Strategic Decision-Making with AI Analytics: Master AI models to analyze business data, predict outcomes, and enable more informed, real-time decisions.
- Advance Your Career in Al Leadership: With Al reshaping industries, this certification equips you with the skills needed to lead Al initiatives.

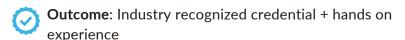
#### **AT A GLANCE**













# Architect™

### SKILLS YOU'LL GAIN

- Advanced Neural Network Design
- Al Model Evaluation & **Performance Metrics**
- Generative AI for Architecture
- Al Deployment & Infrastructure
- Machine Learning **Optimization Shape**

## **TOOLS YOU'LL MASTER**

- AutoGluon
- ChatGPT
- SonarCube
- Vertex Al

#### WHO SHOULD ENROLL

- Architecture **Professionals**
- Systems Architects & **Engineers**
- IT Infrastructure **Managers**
- Business Leaders

#### ABOUT AI<sup>+</sup> ARCHITECT™

Visualize Tomorrow: Neural Networks in Vision

- Deep Al Expertise: Covers neural networks, NLP, and computer vision frameworks
- Enterprise Al: Learn to design scalable Al systems for realworld impact
- · Capstone Integration: Build, test, and deploy advanced Al architectures
- Industry Preparedness: Equips you for roles in high-demand Al design domains

#### **OVERVIEW**

- Leverage AI for Smarter Architecture Decisions: Learn how to use AI tools to optimize architectural design, improve scalability.
- Enhance AI Integration in Architectural Projects: Use AI to integrate innovative solutions into your architectural designs, automating workflows.
- Boost Strategic Decision-Making with Al Insights: Master Al models to analyze architectural data, predict trends, and drive data-driven decisions.
- Advance Your Career in Al Architecture: As Al revolutionizes architecture, this certification equips you with the skills to lead AI initiatives.

#### **AT A GLANCE**



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 30 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available

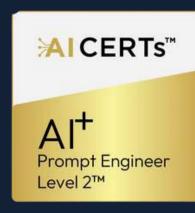


Exam Format: 50 questions, 70% passing, 90 minutes, online





# Al Development Certifications



# Al<sup>+</sup> Prompt Engineer Level 2™

### SKILLS YOU'LL GAIN

- Advanced Prompt **Engineering Techniques**
- Crafting and Optimizing **Prompts**
- Integrating Prompts with **Development Tools**
- Applying Prompts Across **Diverse Domains**
- Real-World Al Project Experience
- Advanced Strategies in **Prompt Engineering**
- Experimentation and Optimization of Prompts
- Creating Al-Driven Solutions

#### **TOOLS YOU'LL MASTER**

- ChatGPT
- LangChain
- BetterPrompt
- GitHub Copilot

#### WHO SHOULD ENROLL

- Al Developers
- Machine Learning **Enthusiasts**
- Tech Professionals
- Al Researchers & **Practitioners**

#### ABOUT AI<sup>+</sup> PROMPT ENGINEER LEVEL 2™

Mastering Advanced Techniques for Effective AI Prompting

- Prompt Mastery: Learn to design, refine, and optimize prompts across AI applications
- Hands-On Learning: Gain practical experience with advanced tools for prompt integration
- · Real-World Focus: Solve real-world challenges using Aldriven prompt solutions
- Advanced Curriculum: Emphasizes experimentation, project execution, and innovation
- Leadership-Oriented: Ideal for professionals bridging the gap between AI innovation and application

#### **OVERVIEW**

- Master Advanced AI Prompting: The AI+ Prompt Engineer Level 2<sup>™</sup> certification teaches developers to craft and optimize Al prompts for various applications.
- In-demand Expertise: As Al adoption grows, businesses seek professionals skilled in integrating prompt engineering into AI
- Driving Al Innovation: This certification helps professionals create impactful Al-driven solutions through effective prompt engineering.
- Lead AI Development: Certified Prompt Engineers enhance AI performance and contribute to innovative applications across industries.
- · Competitive Advantage: With increasing demand for skilled prompt engineers, this certification boosts your career prospects in the AI field.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



**Duration**: Instructor-Led: 5 days (live or virtual) or Self-Paced: 30 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online



## Developer™

#### SKILLS YOU'LL GAIN

- Python for Al Development
- Advanced Mathematics and **Statistics**
- Optimization Techniques
- Deep Learning **Fundamentals**
- Data Processing and **Exploratory Analysis**
- NLP, Computer Vision, or Reinforcement Learning Specialization
- Time Series Analysis
- Model Explainability and Deployment

#### **TOOLS YOU'LL MASTER**

- GitHub Copilot
- Lobe
- H2O.ai
- Snorkel

#### WHO SHOULD ENROLL

- Software Developers
- Data Enthusiasts
- Computer Vision & NLP Researchers
- IT Specialists & System Architects

#### ABOUT AI<sup>+</sup> DEVELOPER™

Get hands-on with the tools and technologies that power the AI ecosystem.

- · Core Al Foundations: Covers Python, deep learning, data processing, and algorithm design
- Hands-on Projects: Focus on NLP, computer vision, and reinforcement learning
- Advanced Modules: Includes time series, model explainability, and cloud deployment
- Industry-Ready Skills: Prepares learners to design and deploy complex AI systems

#### **OVERVIEW**

- Master Key Al Development Skills: Learn Python, deep learning, advanced concepts, and optimization techniques to build robust AI solutions.
- Specialize in Cutting-Edge Al Domains: Gain expertise in NLP, computer vision, or reinforcement learning, alongside data processing, exploratory analysis, and time series analysis.
- Stay Ahead in Al Development: Al is transforming industries, and organizations seek developers with strong proficiency in deploying AI models to solve real-world problems.
- Advance Your Career in Al Development: With growing demand across tech, finance, and healthcare sectors, this certification positions you as a leader in Al-driven development.

#### AT A GLANCE



Included: Course + Official exam + Digital badge

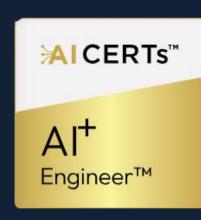


Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 30 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available





## Engineer™

#### SKILLS YOU'LL GAIN

- Al Architecture
- Neural Networks
- Large Language Models (LLMs)
- Generative Al
- Natural Language Processing (NLP)
- Transfer Learning using **Hugging Face**
- Al Deployment Pipelines

#### **TOOLS YOU'LL MASTER**

- TensorFlow
- Hugging Face **Transformers**
- Jenkins
- TensorFlow Hub

#### WHO SHOULD ENROLL

- Al & Software Engineers
- Machine Learning **Enthusiasts**
- Data Scientists
- IT Specialists & System Architects

#### ABOUT AI<sup>+</sup> ENGINEER™

Innovate Engineering: Leverage AI-Driven Smart Solutions

- Full AI Stack: Learn AI architecture, LLMs, NLP, and neural networks
- Tool Proficiency: Includes Transfer Learning with Hugging Face and GUI design
- Deployment Focus: Build real AI systems and manage communication pipelines
- Practical Mastery: Gain the skills to engineer scalable Al solutions for innovation

#### **OVERVIEW**

- Master Al System Design: Develop the skills to design, implement, and optimize advanced AI systems for realworld applications.
- Build Scalable AI Solutions: Learn how to create scalable AI solutions for industries like technology, finance, and healthcare.
- Tackle Complex Engineering Challenges: This certification ensures you're equipped to solve challenges in AI architecture, neural networks, and NLP.
- Contribute to Al-Driven Innovations: Certified Al+ Engineers develop cutting-edge AI solutions that enhance business operations and drive future innovations.
- Advance Your Career in Al Engineering: As demand for skilled AI engineers rises, this certification offers a competitive advantage in the job market.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 30 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available





### Al Specialization Certifications



### Government™

#### SKILLS YOU'LL GAIN

- Machine Learning for Policy Analysis
- Al-Driven Fraud Detection
- Automated Decision-**Making Systems**
- AI in Smart Cities and Infrastructure
- Geospatial Data Analysis with Al

#### **TOOLS YOU'LL MASTER**

- IBM Watson Government
- Microsoft Azure Government
- Palantir Gotham
- Accela Civic Platform

#### WHO SHOULD ENROLL

- Government Officials & **Policy Makers**
- Data Scientists & Analysts
- Public Sector IT **Professionals**
- Cybersecurity Experts

#### ABOUT AI<sup>+</sup> GOVERNMENT™

Transform Public Policy with Intelligent Solutions

- Al for Governance: Understand how Al transforms public governance and policy frameworks
- Data & ICT Focus: Dive into data management algorithms, ICT techniques, and AI strategies for government
- Ethical Implementation: Gain expertise in responsible Al integration and policymaking
- Outcome-Oriented: Design Al-driven solutions that promote transparency and operational efficiency

#### **OVERVIEW**

- Demand for AI-Certified Government Professionals: Government organizations seek certified professionals who can drive innovation while ensuring transparency, security, and ethical standards.
- Mitigating Al Risks in Public Sector: Misuse of Al in government can lead to policy errors and public trust issues. This certification helps professionals mitigate such risks.
- Driving Strategic Al Implementation in Governance: Certified professionals play a key role in developing Al strategies that improve public services, governance, and operational efficiency.
- Advancing Public Sector Careers: As Al adoption within government accelerates, this certification provides professionals with a competitive edge, advancing their careers in public sector innovation.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available





### Healthcare™

#### SKILLS YOU'LL GAIN

- Al-Powered Medical **Diagnostics**
- Healthcare Data Management
- Medical Imaging **Enhancement with Deep** Learning
- Predictive Analytics in Healthcare
- Natural Language Processing (NLP) for Healthcare

#### **TOOLS YOU'LL MASTER**

- PathAl
- Viz.ai
- Tempus
- VirtuSense

#### WHO SHOULD ENROLL

- Healthcare Professional
- Data Scientists & **Analysts**
- Medical Technologists
- IT Specialists & System Integrators

#### ABOUT AI<sup>+</sup> HEALTHCARE™

Revolutionize Patient Care with Advanced Al

- Healthcare Transformation: Learn how AI reshapes predictive analytics, diagnostics, and patient-centric solutions
- Comprehensive Modules: Covers ML, NLP, and ethical healthcare applications
- Practical Impact: Address real challenges like personalized medicine and operational efficiency
- Regulatory Navigation: Understand compliance and legal standards for AI in healthcare

#### **OVERVIEW**

- Demand for Al-Certified Healthcare Professionals: Healthcare organizations seek certified professionals who can balance innovation with patient safety and data privacy.
- Mitigating Al Risks in Healthcare: Misuse of Al in healthcare can compromise patient care and trust. This certification helps professionals avoid such risks.
- Designing Al Strategies for Quality Healthcare: Certified professionals contribute to designing healthcare Al strategies that enhance care quality while ensuring compliance and safety.
- Gaining Career Advantage: As Al adoption in healthcare accelerates, this certification gives professionals a distinct advantage in advancing their careers.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



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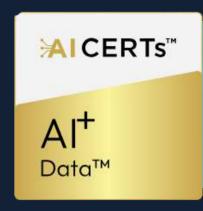


Delivery: Self-paced eLearning, virtual, or in-person options available





### Al Data & Robotics Certifications



### Data™

#### SKILLS YOU'LL GAIN

- Data Visualization **Techniques**
- Data Quality and Bias Mitigation
- Deep Learning for Data **Processing**
- Statistical Modeling
- Big Data Technologies

#### **TOOLS YOU'LL MASTER**

- Google Colab
- MLflow
- Alteryx
- KNIME

#### WHO SHOULD ENROLL

- Data Analysts & Scientists
- Business Intelligence **Professionals**
- IT Specialists & System Integrators
- Data Engineers

#### ABOUT AI<sup>+</sup> DATA™

Mastering AI, Maximizing Data: Your Path to Innovation

- Core Concepts Covered: Data Science foundations, Python, Statistics, and Data Wrangling
- Advanced Topics: Dive into Generative AI, Machine Learning, and Predictive Analytics
- Capstone Application: Solve real-world problems like employee attrition with AI
- Career Readiness: Develop skills for Al-driven data science roles with hands-on mentorship

#### **OVERVIEW**

- Demand for Certified Experts: Organizations seek certified experts who can transform complex data into actionable insights while ensuring data integrity and privacy.
- Mitigating Data and Al Risks: Poor handling of data and Al technologies can lead to inaccurate analysis and business risks. This certification helps professionals mitigate such challenges.
- Designing Al-Driven Data Strategies: Certified professionals play a crucial role in designing Al-driven data strategies that optimize performance and align with regulatory standards.
- Career Advancement: As Al-powered data solutions become essential for businesses, this certification provides professionals with a competitive edge in advancing their careers.

#### **AT A GLANCE**



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 30 hours of content



Delivery: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





## Robotics™

#### SKILLS YOU'LL GAIN

- Robotic Process Automation (RPA)
- Al-Powered Control **Systems**
- Machine Learning for **Robotics**
- Robotic Path Planning
- Sensor Integration and **Data Processing**

#### **TOOLS YOU'LL MASTER**

- OpenAl Gym
- GreyOrange
- Neurala
- Dialogflow

#### WHO SHOULD ENROLL

- Robotics Engineers
- Mechanical Engineers
- Al Specialists
- IT Specialists & System Integrator

#### ABOUT AI<sup>+</sup> ROBOTICS™

Build the Future with Smart Automation

- Al-Driven Robotics: Apply Al in Deep Learning, Reinforcement Learning, and smart automation
- Real-World Systems: Work with autonomous systems and intelligent agents
- Ethics & Innovation: Learn industry-aligned practices and innovation strategies
- Hands-On Projects: Gain experience designing, optimizing, and deploying robotics solutions

#### **OVERVIEW**

- Demand for Certified AI & Robotics Professionals: Organizations are seeking certified professionals who can integrate AI into robotics to optimize processes, enhance automation, and improve operational efficiency.
- Risks of Mismanaging AI & Robotics: Mismanagement of robotic systems and AI technologies can lead to operational inefficiencies and safety risks.
- Role of Certification in Robotics Strategy: Certified professionals are key in developing robotics strategies that maximize performance, safety, and compliance with industry regulations.
- Career Advantage & Leadership Opportunities: As robotics and AI continue to reshape industries, this certification offers professionals a distinct advantage, positioning them for leadership roles.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 30 hours of content



Delivery: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





#### SKILLS YOU'LL GAIN

- Quantum Circuit Design
- Quantum Simulation **Techniques**
- Quantum Cryptography
- Quantum Optimization Methods
- Quantum Information Theory

#### **TOOLS YOU'LL MASTER**

- IBM Qiskit
- D-Wave Leap
- Google TensorFlow Quantum (TFQ)
- Amazon Braket

#### WHO SHOULD ENROLL

- Quantum Computing **Engineers**
- Physics Engineers
- Al Specialists
- IT Specialists & System Integrators

## Quantum™

#### ABOUT AI<sup>+</sup> QUANTUM™

Harness Quantum Power with Al

- AI + Quantum Integration: Explore Quantum Gates, Circuits, and AI applications
- Advanced Learnings: Includes Quantum Deep Learning and transformative AI methodologies
- Industry-Oriented: Real-world case studies and trend analysis
- Ethical Focus: Learn implications of quantum AI responsibly and efficiently

#### **OVERVIEW**

- Demand for AI and Quantum Technology Experts: Organizations are seeking certified experts who can integrate AI with quantum technologies to optimize data processing and accelerate problem-solving.
- Mitigating Risks in Al and Quantum Integration: Mismanagement of quantum computing systems and AI integration can result in inefficiencies and inaccurate results in critical applications.
- Developing Reliable Quantum Strategies with Al: Certified professionals play a key role in developing quantum strategies that ensure performance, reliability, and alignment with industry standards.
- Gaining a Competitive Edge: As quantum computing and AI continue to revolutionize industries, this certification provides professionals with a competitive edge, preparing them for advanced roles.

#### **AT A GLANCE**



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 30 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available





# Al Learning & Education Certifications



#### SKILLS YOU'LL GAIN

- Al Frameworks (TensorFlow, PyTorch, Scikit-learn)
- Cloud Computing (AWS, Google Cloud, Azure)
- Reinforcement Learning, **Data Preprocessing**
- API Integration

#### **TOOLS YOU'LL MASTER**

- ChatGPT
- Eduaide
- GradeScope
- Classtime

#### WHO SHOULD ENROLL

- Data Scientists
- Software Developers
- Mathematicians & **Statisticians**
- Researchers & Innovators

## Educator™

#### ABOUT AI<sup>+</sup> EDUCATOR™

Future-Proof Your Career with AI+ Educator's Cutting-Edge Certification

- Empower Educators: Focuses on AI curriculum design and classroom transformation
- Skill Development: Combines foundational concepts with advanced educational tools
- Practical Tools: Learn to analyse data, promote ethical AI, and design tailored learning
- Future Trends: Stay updated with innovative teaching strategies and AI integration

#### **OVERVIEW**

- Demand for Certified AI Educators: Institutions are seeking certified educators who can deliver high-quality AI training programs and foster a deep understanding of AI principles.
- Challenges of Ineffective AI Education: Ineffective teaching methods and outdated knowledge can hinder students' grasp of AI concepts and their application in real-world scenarios.
- Shaping Industry-Aligned Al Curricula: Certified educators play a crucial role in shaping AI curricula that are current, engaging, and aligned with industry needs and standards.
- Advancing Al Education & Career Growth: As Al continues to transform industries, this certification equips educators to stay ahead, ensuring they are prepared to guide the next generation of AI professionals.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available





# Al<sup>+</sup> Learning & Development™

#### SKILLS YOU'LL GAIN

- Al-Powered Learning **Analytics**
- Personalized Learning **Pathways**
- Adaptive Learning **Technologies**
- Al-Driven Curriculum Design
- Data-Driven Instructional Strategies.

#### **TOOLS YOU'LL MASTER**

- Synthesia
- LinkedIn Learning
- EdCast
- FairSight
- 360Learning

#### WHO SHOULD ENROLL

- Learning and Development **Professionals**
- Instructional Designers
- Al Specialists
- HR Professionals
- Organizational **Development Experts**

#### ABOUT AI<sup>+</sup> LEARNING & DEVELOPMENT™

AI-Enhanced Learning: Where Knowledge Meets Innovation

- Education Innovation: Designed for educators and trainers to leverage AI in learning
- Deep Insights: Includes ML, NLP, Data Analytics, and adaptive learning strategies
- Capstone Delivery: Build Al-powered learning solutions tailored to diverse needs
- Ethical Education: Address ethics, data-driven instruction, and emerging trends

#### **OVERVIEW**

- Growing Demand for Al-Integrated Training Experts: Organizations are actively seeking certified experts who can integrate AI with training programs to personalize learning and improve employee performance.
- Challenges of Poor Al Integration in Training: Inadequate integration of AI in learning and development programs can lead to ineffective training, low engagement, and poor employee outcomes.
- Creating AI-Powered Learning Strategies: Certified professionals play a key role in developing Al-powered learning strategies that ensure continuous improvement, skill enhancement, and alignment.
- Career Advancement: As AI transforms the learning and development sector, this certification provides professionals with the expertise to stay ahead and take on advanced roles.

#### **AT A GLANCE**



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



Delivery: Self-paced eLearning, virtual, or in-person options available





# Al Design and Creative Certifications



## **UX** Designer<sup>™</sup>

#### SKILLS YOU'LL GAIN

- AI-Enhanced Visual Design and Prototyping
- User Experience Personalization
- Al-Assisted Content **Creation and Strategy**
- Integrating Al into Design Research and Data Analysis

#### **TOOLS YOU'LL MASTER**

- Copy.ai
- VanceAl
- Magician for Figma
- UX Pilot

#### WHO SHOULD ENROLL

- UX Designers
- Creative Professionals
- Product Designers
- Tech Enthusiasts

#### ABOUT AI⁺ UX DESIGNER™

Redefining User Experience with AI-Driven Design

- AI + UX Synergy: Revolutionize user experience with AI in design workflows
- In-Depth Curriculum: Includes ethical design, prototyping, and advanced content creation
- · Adaptability: Build strategies for fast-evolving tech and maintain ethical standards
- Lead with Impact: Master personalized AI design for UXfocused product development

#### **OVERVIEW**

- Industry Demand: Design sectors are actively seeking professionals who drive innovation with AI while preserving creativity and user-centered design.
- Risk Mitigation: Poor Al implementation in design can harm user experience and brand reputation. This certification helps professionals minimize such risks.
- Strategic Impact: Certified professionals play a pivotal role in shaping design strategies focused on efficiency, creativity, and Al-driven innovation.
- Competitive Advantage: As AI continues to revolutionize the design field, this certification provides professionals with a competitive edge in the design industry.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



Delivery: Self-paced eLearning, virtual, or in-person options available



**Exam Format**: 50 questions, 70% passing, 90 minutes, online





### ABOUT AI<sup>+</sup> DESIGN™

Design™

Design Beyond Boundaries: Al as Your Creative Partner

- Creative Al Tools: Leverage Al tools to redefine design excellence in modern industries
- Strategic Execution: Blend foundational AI with practical design implementations
- Future-Proof Skills: Stay ahead with personalized, impactful Al-driven designs
- Ideal For Designers: Suited for creatives ready to lead the Al-powered design shift

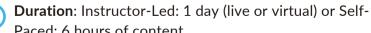
#### **OVERVIEW**

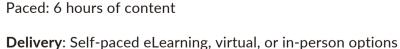
- Industry Demand for AI-Enabled Designers: Design industries actively seek professionals who can drive innovation using AI while maintaining creativity and usercentered design principles.
- Addressing Risks in Al-Driven Design: Poorly implemented Al in design can negatively impact user experience and brand reputation. This certification helps professionals mitigate such risks.
- Shaping Al-Centered Design Strategies: Certified professionals play a key role in shaping design strategies that emphasize efficiency, creativity, and Al-driven innovation.
- Gaining a Competitive Edge: As AI continues to transform the design field, this certification offers a competitive edge for professionals in the design industry.

#### AT A GLANCE



Included: Course + Official exam + Digital badge







available



Exam Format: 50 questions, 70% passing, 90 minutes, online



Outcome: Industry recognized credential + hands on experience

#### SKILLS YOU'LL GAIN

- Generative AI for Creative **Exploration**
- AI-Enhanced Prototyping
- User Testing
- Data-Driven Design
- Personalization
- Strategic Implementation of Al in Design Projects

#### **TOOLS YOU'LL MASTER**

- Copy.ai
- VanceAl
- Magician for Figma
- UX Pilot

#### WHO SHOULD ENROLL

- Design Professionals
- Al & Creative Enthusiasts
- User Experience (UX) Designers
- Product Designers & **Developers**



## Al Blockchain and Bitcoin Certifications



### Bitcoin<sup>+</sup> Everyone™

#### SKILLS YOU'LL GAIN

- Bitcoin Mechanics
- Practical Bitcoin Use
- Bitcoin's Economic
- Legal Landscapes
- Securing Bitcoin **Transactions**

#### **TOOLS YOU'LL MASTER**

- 99Bitcoins
- BlockCypher
- Bitcoin Dev Kit (BDK)
- Statoshi.info

#### WHO SHOULD ENROLL

- Business Leaders. Managers, and Executives
- Financial Professionals
- IT and Technology **Professionals**
- Traders

#### ABOUT BITCOIN<sup>†</sup> EVERYONE™

Demystify Bitcoin: Simple, Accessible, Essential for All

- For All Learners: Designed for investors, professionals, and enthusiasts
- Comprehensive Curriculum: Covers history, transactions, security, and economics of Bitcoin
- Global Financial View: Understand Bitcoin's role in global markets and future outlook
- Regulatory Clarity: Navigate the regulatory landscape with ease

#### **OVERVIEW**

- Comprehensive Understanding of Bitcoin: Gain a thorough grasp of Bitcoin's history, technology, and its global impact on financial systems.
- Master Bitcoin Transaction Mechanics: Learn the mechanics of Bitcoin transactions and explore security best practices to protect your assets.
- Explore Economic and Regulatory Implications: Understand the economic implications and regulatory environments shaping the future of Bitcoin.
- Practical Insights for Real-World Applications: Equip yourself with practical knowledge to apply Bitcoin in realworld scenarios across various industries.
- Build a Strong Blockchain Foundation: Strengthen your understanding of blockchain technology to navigate the evolving cryptocurrency landscape confidently.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



Delivery: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





# Bitcoin<sup>†</sup> Executive™

#### SKILLS YOU'LL GAIN

- Blockchain Fundamentals
- Understanding P2P **Networks**
- Exploring Ethereum and its Ecosystem
- Privacy Enhancements
- Legal and Compliance Considerations

#### **TOOLS YOU'LL MASTER**

- Glassnode
- Blockchain Explorer
- CoinMarketCap
- Lnbits

#### WHO SHOULD ENROLL

- Blockchain Strategists
- Cryptocurrency Investors
- Enterprise Architects
- Fintech Professionals
- Technology Leaders

#### ABOUT BITCOIN<sup>†</sup> EXECUTIVE™

**Empowering Executives with Bitcoin Innovation** 

- Comprehensive Overview: Learn blockchain mechanics, smart contracts, and DApps
- Strategic Insight: Gain understanding of emerging technologies and applications
- Leadership Prep: Perfect for executives needing a strategic blockchain foundation

#### **OVERVIEW**

- Bitcoin Leadership in Demand: Companies are actively seeking executives who can lead blockchain initiatives, drive innovation, and manage large-scale Bitcoin projects.
- The Knowledge Gap: Without an in-depth understanding of Bitcoin's potential and its business implications, leaders may struggle to capitalize on opportunities.
- Role of Certified Bitcoin Executives: Certified Bitcoin executives are instrumental in shaping the future of digital currencies, making key decisions that ensure scalability and security.
- Staying Ahead: As the Bitcoin landscape evolves, this certification ensures that executives stay at the forefront of industry trends, equipping them to lead with confidence.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





# Bitcoin<sup>†</sup> Developer™

#### SKILLS YOU'LL GAIN

- Understanding Bitcoin and **Blockchain Fundamentals**
- Bitcoin Scripting **Proficiency**
- Layer 2 Scaling Solutions
- SDK/APIs and Deployment

#### **TOOLS YOU'LL MASTER**

- Bitcoin Core
- Electrum
- BitcoinJS
- Umbrel

#### WHO SHOULD ENROLL

- Blockchain Developers
- Software Engineers
- Financial Analysts
- Tech Innovators
- Cryptocurrency **Enthusiasts**

#### ABOUT BITCOIN<sup>†</sup> DEVELOPER™

Navigate the depth of development with Bitcoin

- Foundational Learning: Covers Bitcoin scripting, blockchain tech, and security practices
- Advanced Builds: Learn Layer 2 scaling, SDK/API integration, and real-world use cases
- Hands-On Projects: Complete practical work with a capstone project
- Future-Ready: Understand trends and secure coding in decentralized apps

#### **OVERVIEW**

- High Demand for Certified Bitcoin Developers: Organizations are actively seeking certified developers who can create secure, efficient, and scalable Bitcoin applications and solutions.
- Challenges of Outdated Blockchain Knowledge: Outdated coding practices and a lack of in-depth knowledge about blockchain can limit a developer's ability to build innovative and effective Bitcoin solutions.
- Advancing Bitcoin Development: Certified Bitcoin developers play a pivotal role in shaping the future of blockchain technology, ensuring that applications are cutting-edge, secure.
- Staying Ahead in the Evolving Bitcoin Ecosystem: As the Bitcoin ecosystem grows, this certification ensures developers stay ahead of the curve, empowering them.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 30 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



**Exam Format:** 50 questions, 70% passing, 90 minutes, online





### Blockchain<sup>†</sup> Developer™

#### SKILLS YOU'LL GAIN

- Tokenization and ICO Management
- Blockchain Analytics and Visualization Tools
- Blockchain Interoperability and Cross-Chain Solutions
- Distributed Ledger Technology (DLT)
- Blockchain Performance **Optimization**

#### **TOOLS YOU'LL MASTER**

- Etherscan
- Remix IDE
- Hyperledger Fabric
- Hardhat

#### WHO SHOULD ENROLL

- Blockchain Developers
- Software Engineers
- Tech Innovators
- Fintech Developers
- Enterprise IT **Professionals**

#### ABOUT BLOCKCHAIN<sup>†</sup> DEVELOPER™

Build the Foundations of Tomorrow with Blockchain Developer

- · Career-Focused: Build expertise in blockchain and Bitcoin development
- Hands-On Skills: Tackle practical development work with future-oriented learning
- Innovation-Driven: Learn strategies for digital transformation and decentralized innovation

#### **OVERVIEW**

- High Demand for Blockchain Developers: Organizations are increasingly seeking blockchain developers who can create innovative, scalable solutions and drive the adoption of decentralized technologies.
- Challenges of Limited Blockchain Expertise: Without handson expertise in blockchain development, developers may struggle to implement effective solutions and optimize blockchain infrastructure.
- Impact of Certified Blockchain Developers: Certified blockchain developers are key to advancing decentralized applications (DApps), ensuring robust functionality, security, and scalability.
- Adapting to Blockchain Advancements: As blockchain technology continues to evolve, this certification ensures developers are up-to-date with the latest tools, frameworks, and industry practices.

#### AT A GLANCE



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Exam Format: 50 questions, 70% passing, 90 minutes, online





### **Blockchain**<sup>†</sup> Executive™

#### SKILLS YOU'LL GAIN

- Blockchain Fundamentals **Proficiency**
- Problem-Solving with Blockchain
- Regulations and Compliance
- Risk Management

#### **TOOLS YOU'LL MASTER**

- Ganache
- Slither
- Dune Analytics
- CoinGlass

#### WHO SHOULD ENROLL

- IT and Technology **Professionals**
- Business Leaders, Managers, and Executives
- Financial Professionals
- Entrepreneurs and Startup Founders
- Investors and Traders

#### ABOUT BLOCKCHAIN<sup>†</sup> EXECUTIVE™

Lead confidently in the Blockchain executive sphere

- Leadership Certification: Master blockchain strategies for executive leadership roles
- Emerging Technologies: Understand trends, synergies, and innovations in blockchain
- Strategic Training: Learn how to lead digital evolution using blockchain insights

#### **OVERVIEW**

- In-depth Blockchain Knowledge: Gain a thorough understanding of blockchain mechanics, smart contracts, and decentralized applications.
- Real-World Applications: Learn how blockchain is used across industries and explore practical trading and regulatory nuances.
- Advanced Concepts: Master complex blockchain concepts and future trends, positioning yourself as an industry leader.
- Emerging Technologies Integration: Discover the synergy between blockchain and other emerging technologies, enhancing your technological expertise.
- Career Advancement: Equip yourself with cutting-edge skills to stand out in the rapidly evolving blockchain and cryptocurrency industries.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



**Duration**: Instructor-Led: 1 day (live or virtual) or Self-Paced: 6 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online





# Bitcoin<sup>†</sup> Security<sup>™</sup>

#### SKILLS YOU'LL GAIN

- Understanding Bitcoin **Fundamentals**
- Blockchain Security **Principles**
- Consensus Mechanisms and Security
- Bitcoin Scripting and **Transaction Security**
- Bitcoin Network Security
- Analyzing Exploits and **Vulnerabilities**

#### **TOOLS YOU'LL MASTER**

- Blockchain API
- Bitcoin Core
- BIP32.ORG
- Blockchair

#### WHO SHOULD ENROLL

- Cybersecurity **Professionals**
- Digital Asset Managers
- Security Engineers
- Blockchain Developers
- IT and Technology **Managers**

#### ABOUT BITCOIN<sup>†</sup> SECURITY™

Defend Your Digital Wealth: Master Security Strategies

- Cybersecurity Focus: Learn to secure Bitcoin networks and transactions
- Best Practices: Master the latest security protocols and risk mitigation
- Specialized Training: Ideal for those pursuing roles in cryptocurrency and blockchain security

#### **OVERVIEW**

- Rising Demand for Bitcoin Security Experts: Organizations are increasingly in need of security experts who can safeguard Bitcoin operations, prevent cyberattacks, and ensure the integrity of decentralized systems.
- · Growing Security Risks: Without a deep understanding of Bitcoin security risks and vulnerabilities, businesses may face threats like hacking, fraud, and network breaches.
- · Critical Role of Certified Professionals: Certified Bitcoin security professionals play a critical role in building secure, scalable solutions that protect both financial assets and data.
- Staying Ahead in Bitcoin Security: As Bitcoin security challenges grow, this certification ensures that professionals remain up-to-date with the latest security protocols.

#### AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 30 hours of content



**Delivery**: Self-paced eLearning, virtual, or in-person options available



Exam Format: 50 questions, 70% passing, 90 minutes, online



#### **Next Steps**

Al is evolving fast, make sure your skills are, too.

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#### **Explore the Course Catalog**

Browse role-specific and industryaligned certifications to find the best fit for your goals.



#### **Choose the Right Path**

Whether you're seeking foundational knowledge or specialized expertise, there's a program for every level.



#### Plan for Your Team

Looking to scale training across a department or the entire organization? We'll help design a strategy that aligns with your business objectives.



#### **Enroll and Begin Learning**

Flexible delivery options, including self-paced, virtual, and in-person, make it easy to get started.



#### **Get Certified, Stay Ahead**

Earn a digital credential that signals your team's readiness to lead in an Alpowered world.

75% of executives say they lack the AI skills needed to meet their goals.

Let's fix that, together.

Whether you're exploring options for a single team or building a company-wide AI learning strategy, TTA is here to help. We'll work with you to align certifications with business objectives, recommend the right learning paths, and tailor a scalable plan that fits your needs and workforce.

Have questions?

**Contact Us** 

















11 Apex Drive Marlborough, Massachusetts 01752 1.800.241.8868 hello@TTACorp.com thetrainingassociates.com











