

Certified AI Professional

OEM: Arcitura • Duration: 5 Days (40 hrs) • Code: ARC-AI

COURSE MODULES & TOPICS

Module 1: Fundamental Predictive AI

- Predictive AI Business and Technology Drivers
- Predictive AI Benefits
- Common Risks and Challenges of Using Predictive AI
- Business Problem Categories Addressed by AI
- Types of Predictive AI
- Common Predictive AI Learning Approaches
- Understanding Predictive AI Learning and Model Training
- Step-by-Step Training Loop Process
- Supervised Learning, Unsupervised Learning, Continuous Learning
- Heuristic Learning, Semi-Supervised Learning, Reinforcement Learning
- Common Predictive AI Functional Designs, Computer Vision, Pattern Recognition
- Robotics, Natural Language Processing (NLP)
- Speech Recognition, Natural Language Understanding (NLU)
- Understanding AI Models and Neural Networks

Module 4: Fundamental Generative AI

- Generative AI Business and Technology Drivers
- Generative AI Benefits
- Common Risks and Challenges of Using Generative AI
- Business Problem Categories Addressed by Generative AI
- Understanding Models, Algorithms and Neural Networks
- Types of Generative AI
- Understanding Generative Adversarial Networks (GANs)
- Understanding Variational Encoders (VAE)
- Understanding Transformers
- Steps to Building AI Systems
- Generative AI Best Practices
- is authored by a dedicated courseware development team
- has a self-test, accreditation exam and professional certification
- is available via two different eLearning platforms

- undergo a common development process
- are authored to be consistent in quality, structure and style
- share a common vocabulary and symbol notation
- are authored in collaboration with subject matter experts
- About Arcitura
- Instructor-Led Training & Coaching
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- Course & Certification Tracks
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- Digital Accreditations
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- Partner Portal
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- Candidate Agreement
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