CODING PRO ACADEMY

ARTIFICIAL INTELLIGENCE

Learn • Create • Explore • Grow

A practical course in Artificial Intelligence, Machine Learning and Data Science, from core concepts to computer vision, NLP and real-world projects.



DURATION 3 MONTHS

COURSE CURRICULUM

TOPICS	SUB TOPICS	
Introduction to AI and Data	Introduction to Artificial Intelligence	Applications of Artificial Intelligence
	Ethics & Responsible AI	Data and Types of Data
	Learning in Artificial Intelligence	Human-Computer Interaction (HCI)
	Introduction to Neural Networks	
Introduction to Machine Learning	Introduction to Machine Learning	Machine Learning Workflow
	Supervised Learning	Unsupervised Learning
	Reinforcement Learning	Machine Learning Applications
Introduction to Data Science	Introduction to Data Science	Data Science Life Cycle
Miscellaneous AI Topics	Computer Vision	Deep Learning Fundamentals
	Natural Language Processing (NLP)	Optical Character Recognition (OCR)
	AI Project Life Cycle	AI Case Studies & Real-World Applications
Image Processing and Recognition	Image Processing Fundamentals	Image Recognition Techniques
	Feature Extraction & Image Classification	Data Modeling
Projects	Movie Recommendation System	Model Testing & Result Analysis

ONLINE & OFFLINE LEARNING | **CERTIFICATE AVAILABLE** | **LED BY IIT / IIM ALUMNI** | **AI INTERVIEW & RESUME BUILDER**

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