

INDUSTROLEARN

AI and Machine Learning

Empowering the Future: A Pathway to Industry Excellence



About the Courses

IndustroLearn's AI and ML courses offer a comprehensive pathway for upskilling in the rapidly evolving fields of Artificial Intelligence and Machine Learning. From our foundational courses to advanced specializations, each program is meticulously designed to foster industry readiness. Participants engage in hands-on projects, leveraging real-world applications and current industry tools, ensuring practical proficiency.

Our courses aim to cultivate a deep understanding of AI applications, prepare for emerging job opportunities, and connect learners with a network of peers and industry leaders. Embark on this transformative educational journey to not just learn, but to lead in the future of technology.



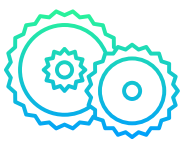
Shaping Tomorrow's Leaders in AI



IndustroLearn, an AI first educational institution is dedicated to sculpting the future of learning with a diverse portfolio of courses that extend beyond AI and ML. Our mission is to empower students to carve their own paths with targeted, industry-specific knowledge, ensuring they emerge as professionals primed for the demands of the modern workplace. Through a curriculum that balances theoretical depth with practical application, we guide learners to mastery in their chosen disciplines.

IndustroLearn isn't just about acquiring skills; it's about immersing oneself in hands-on projects that reflect real industry challenges. Our approach bridges the gap between academic learning and professional expertise, enabling students to transition seamlessly from the classroom to career, equipped with the confidence to innovate, solve, and lead in their respective industries.

Addressing the Skill Gap in the ML and Gen AI Industry



Automotive



CyberSecurity



ChatBots



Computer Vision



Energy



Robotics



Analytics



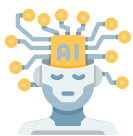
Marketing



Healthcare



Aerospace



Core AI



EDGE IoT



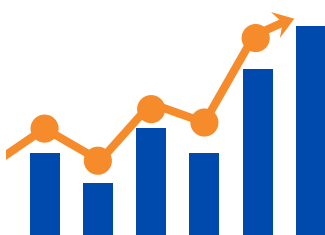
Generative AI



FinTech



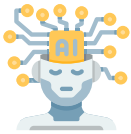
Industry 5.0



AI solutions market is expected to
reach nearly \$25 trillion by 2027

Average Salary of an AI Engineer in India is 24 Lakhs p.a.

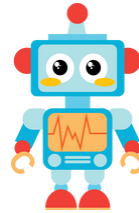
Our Course Structure



AI Masterclass



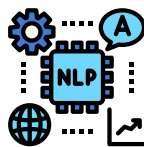
Foundational AI



Explorers



Time-series



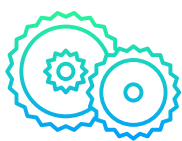
Generative AI



Vision



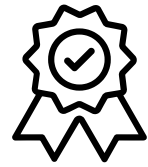
Navigators



Pioneers

5000+ Companies and Startups in India are using AI

AI Masterclass



Description of Key Concepts

Practical Applications of AI

Engaging in AI Discussions

AI's Real-world Impact

Career Pathways in AI

Differentiating AI Types

Opportunities in AI

Ethical Considerations in AI

Introduction to Basic AI Tools & Platforms

Community & Resources

- ✓ Learn from industry-leading experts in our sessions.
- ✓ Gain insights from over 150 hours of online research in just 3 hours.
- ✓ Receive personalized answers about specific career paths and how to pursue them.
- ✓ Access an exclusive collection of AI resources, learning guides, and tools tailored to various industry sectors.
- ✓ Earn a prestigious certificate to highlight your newfound AI expertise.

Over 65% of non-technical jobs now require basic AI knowledge

Course Outcomes

- ✓ Understand and articulate the nuances of AI, ML, and GenAI
- ✓ Clearly distinguish between various types of AI
- ✓ Recognize scenarios and challenges where AI can offer viable solutions
- ✓ Gain insights into the vast opportunities Generative AI presents across diverse industry verticals
- ✓ Confidently participate in AI-related discussions, debates, and brainstorming sessions
- ✓ Understand the ethical implications of AI, including issues related to privacy, bias, and transparency
- ✓ Comprehend the transformative potential of AI and its role in future innovations
- ✓ Familiarize yourself with foundational tools and platforms used in the AI domain, setting the stage for deeper exploration
- ✓ Get a glimpse into various career paths in AI, helping you identify potential areas of interest or specialization
- ✓ Be aware of the AI community, forums, and resources available for continuous learning and networking

3 Hrs Live Classroom Session

Master AI Without Math or Coding Expertise

Takeaways:

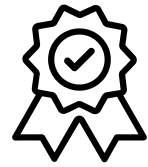
Understand the
AI Pyramid of
Opportunities

Know everything latest
about AI use cases and
industry standards

Understand how to
prepare for a career
in AI for 2026

15 million new roles will emerge by 2026 due to AI-related adoption

Generative AI Foundations



Grasping Core Concepts

Python and AI Toolkits

AI IDE Insights

Embedding Models

Project-Based Learning

Foundation of LLMs

Prompt Engineering

Agentic AI Fundamentals

Applications of Generative AI

Collaborative Learning &
Career Guidance

Teaching Strategies:

- ✓ Interactive Lectures
- ✓ Hands-on Projects
- ✓ Peer Interaction
- ✓ Mentorship
- ✓ Resource Accessibility
- ✓ Career Counseling

Post-Course Support:

- ✓ Continuous Learning Path
- ✓ Alumni Network

Evaluation and Certification:

- ✓ Project Evaluations
- ✓ Verifiable Certificates

Over 75% of businesses now use some form of AI

Course Outcomes

- ✓ Understand the foundational theories and principles of LLMs and Generative AI in depth.
- ✓ Gain proficiency in Embedding Models, Prompt Engineering, RAG and understand their real-world applications.
- ✓ Successfully execute an end-to-end hands-on project, ensuring practical understanding and application of theoretical knowledge with production grade deployment
- ✓ Understand the intricacies of Agentic AI, equipping learners to build multi-agentic systems with confidence
- ✓ Dive into the basics of foundational, fine-tuned OSS LLMs, and learn when to prompt and when to fine-tune with access to OpenAI, Anthropic and many other API keys.
- ✓ Grasp essential concepts of attention mechanism, from tokenization to word prediction, preparing learners to work with LLMs efficiently.
- ✓ Familiarize yourself with key debugging and QA used in Generative AI applications, understanding their strengths, weaknesses, and use cases
- ✓ Cultivate an awareness of ethical considerations in Generative AI, ensuring responsible development and deployment of solutions
- ✓ Gain access to resources, readings, and forums to continue your AI and ML journey post-course, ensuring sustained growth and development
- ✓ Get hands-on experience with latest AI IDEs and understand how to configure rules and prompt efficiently for enterprise grade software development

8 Hrs Live Classroom Session

Master Production Grade Generative AI Systems

Takeaways:

Get a solid foundation on Generative AI

Use latest tools to create an AI native web application

Understand how to use AI IDEs effectively for production

70% of AI startups prioritize hiring candidates with experience in similar projects