



Professional
Development
Institute

Artificial Intelligence & Digital Transformation Specialist (AI)



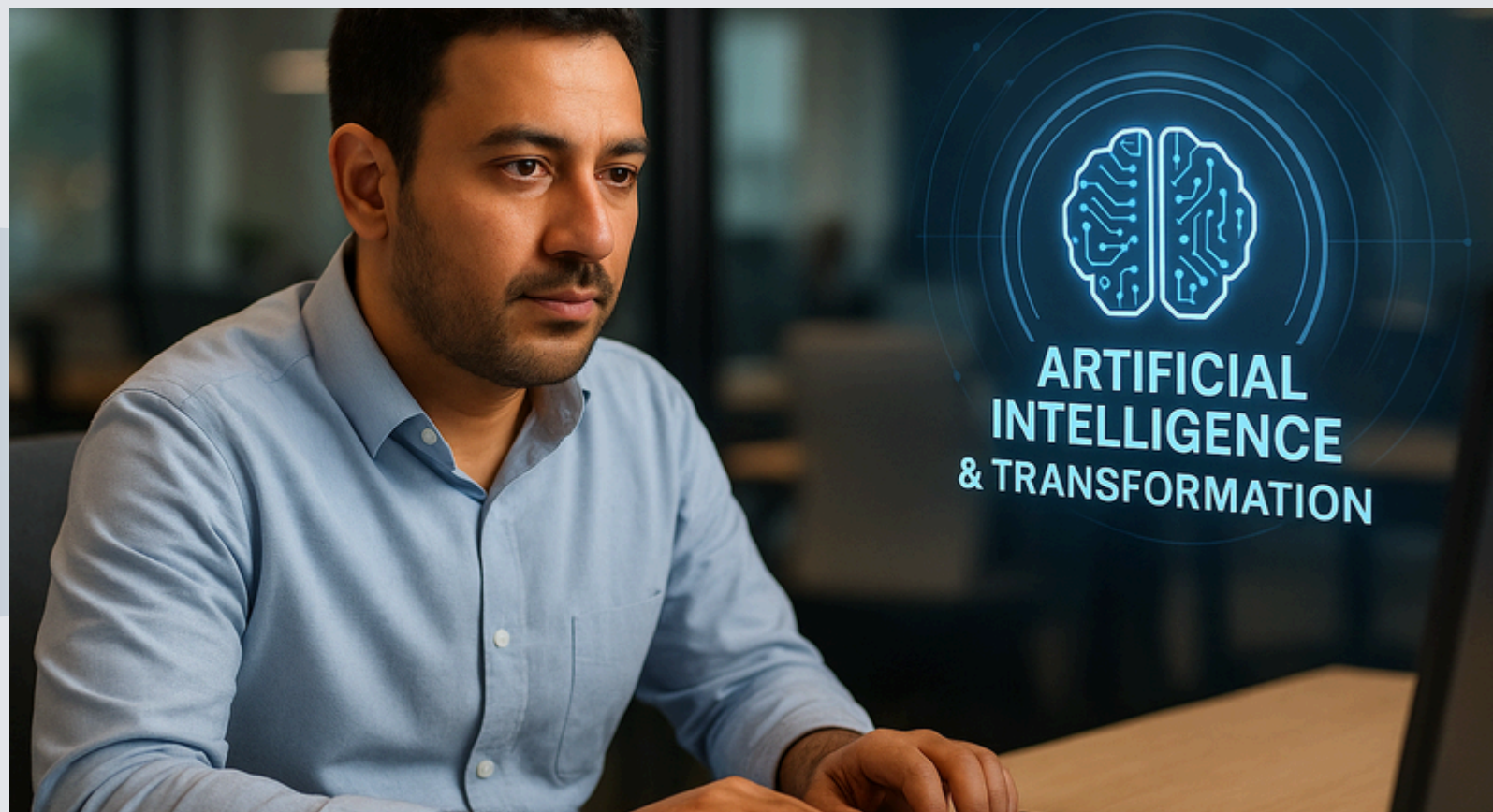


Welcome

The Professional Development Institute® (PDI) is one of the leading international institutions specialized in qualifying and developing professional competencies. It is headquartered in the United Kingdom (UK) and has a proven track record in preparing specialized professionals across vital sectors, including banking, finance, and insurance. PDI is distinguished by offering internationally recognized professional certifications that enhance individual efficiency and strengthen their capabilities in the global workplace.

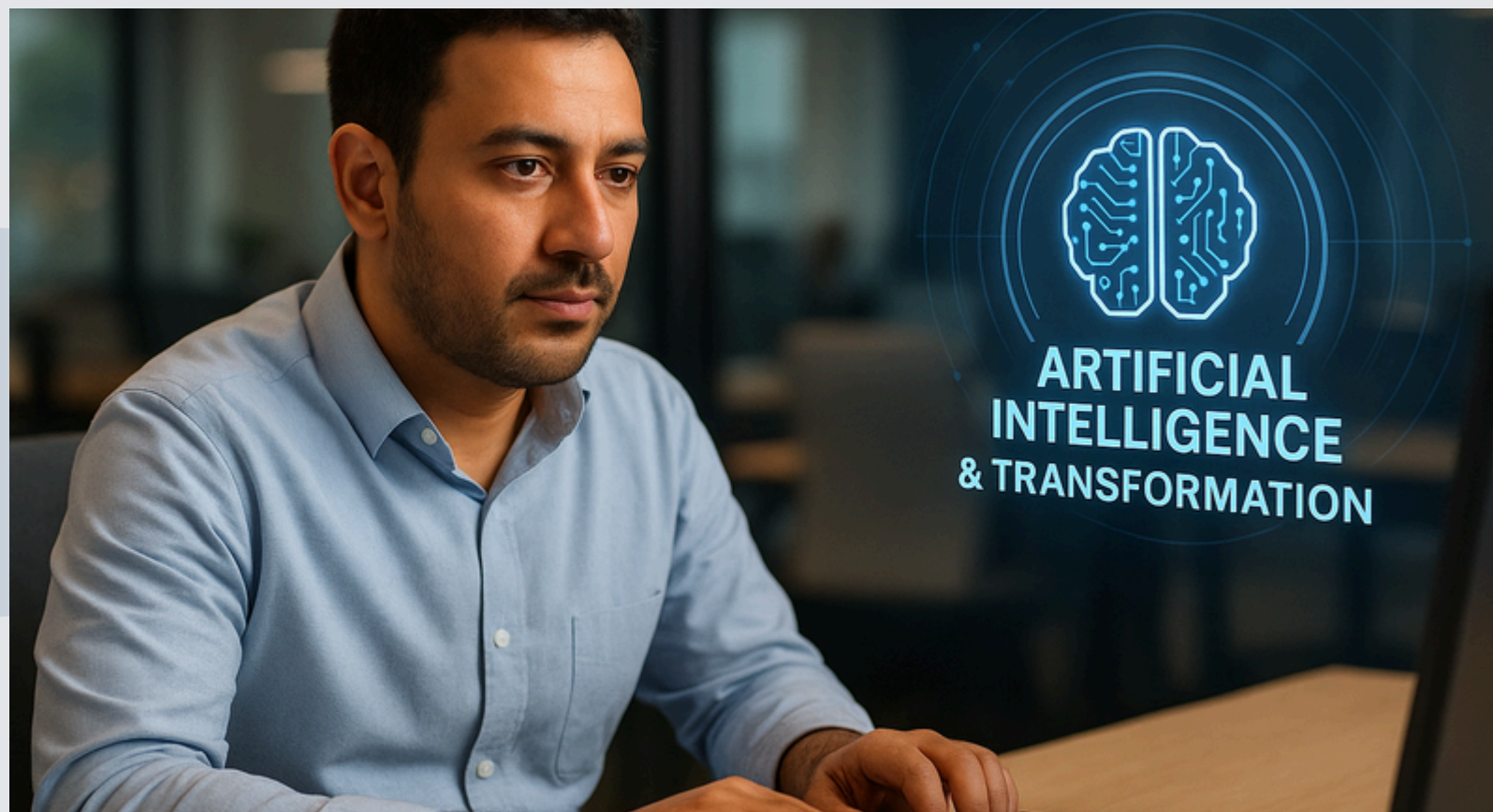
This program aims to enable participants to acquire in-depth knowledge and advanced practical skills in the field of Artificial Intelligence, qualifying them to design, develop, and implement innovative intelligent solutions that enhance organizational operational efficiency, strengthen competitive capabilities, and support sustainable digital transformation. The program also focuses on practical AI applications in key sectors such as banking, healthcare, industry, and services, in addition to addressing the ethical and regulatory issues associated with the global use of Artificial Intelligence.

What you will Learn- Key Takeaways



- Understand advanced concepts of Artificial Intelligence, Machine Learning, and Deep Learning algorithms.
- Design intelligent models to solve complex problems using programming tools such as Python, TensorFlow, and PyTorch.
- Develop practical applications in Computer Vision and Natural Language Processing (NLP).
- Integrate AI with Big Data technologies and predictive analytics to support decision-making.
- Apply AI solutions in banking and financial sectors to enhance efficiency, reduce risks, and improve customer experience.

What you will Learn- Key Takeaways



- Recognize ethical and regulatory challenges related to AI usage and ensure compliance with privacy and data protection standards.
- Lead AI projects using modern management methodologies and manage associated risks.
- Analyze future trends in AI and leverage emerging technologies such as Generative AI.

Curriculum



■ **Module 1:** Advanced Introduction to Artificial Intelligence

■ **Module 2:** Machine Learning

■ **Module 3:** Deep Learning

■ **Module 4:** Natural Language Processing (NLP)

■ **Module 5:** Artificial Intelligence in Business and Specialized Sectors

■ **Module 6:** Big Data and Predictive Analytics

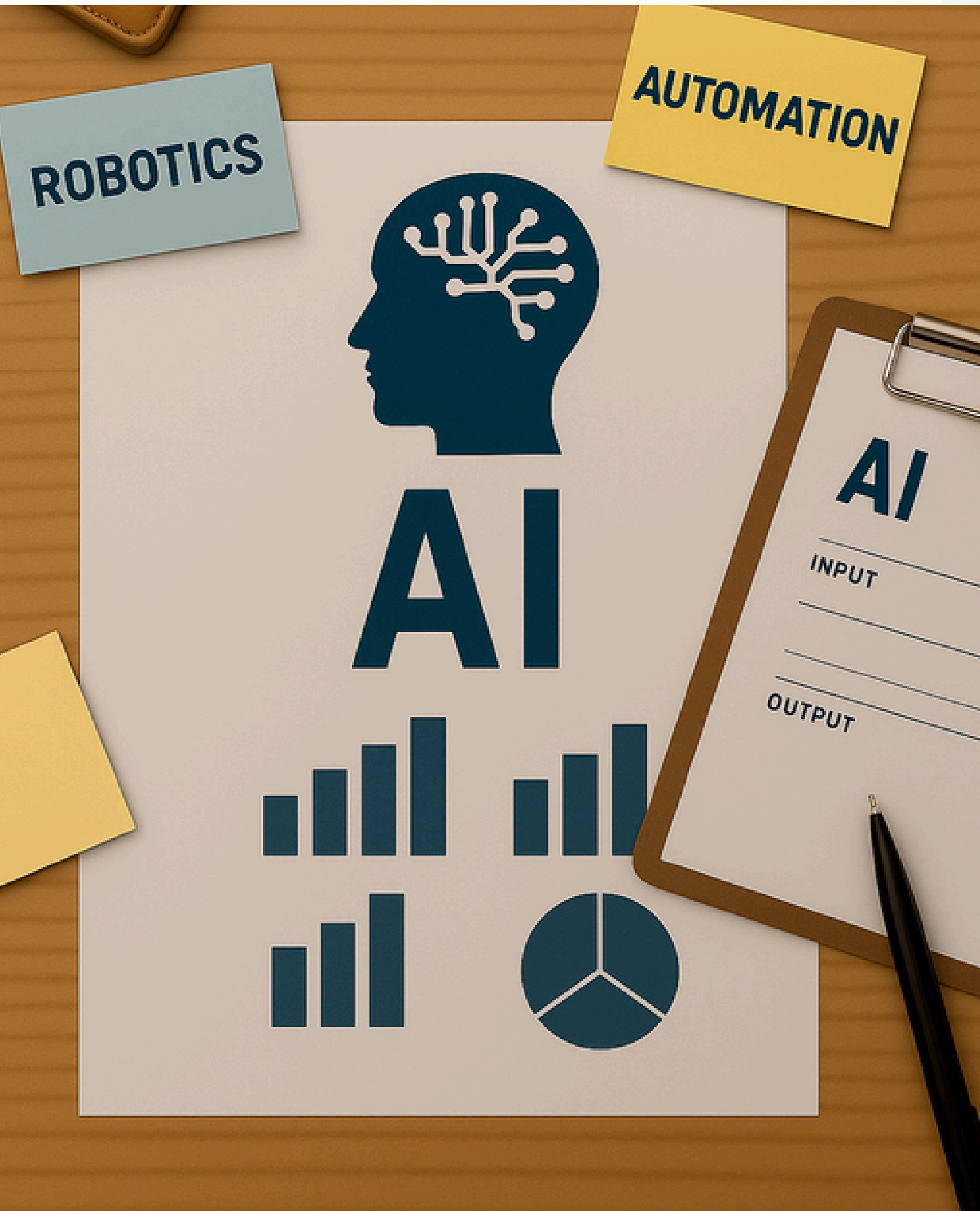
■ **Module 7:** Ethics and Regulations

■ **Module 8:** AI Project Management

■ **Module 9:** The Future of Artificial Intelligence and Emerging Trends

■ **Target Audience:**

- Digital transformation and innovation officers.
- Technology and business development experts.
- Data analysts and AI engineers.
- Consultants specialized in technology and strategy.



Further Information

Eligibility Requirements


Applicants must:

- hold a degree from a recognized educational organization.
- have professional experience in the field.
- Sit for and pass the certification examination.
- Adhere to the Professional Development Institute (PDI) Code of Ethics.


About Exam:

- The examination is offered in multiple languages to support international candidates.
- All candidates are required to sit for their exam at an accredited PDI Test Centre.
- The exam duration is (3) hours.
- Each exam consists of 100 multiple-choice questions (MCQs).

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