

**ICAD's - DATA
SCIENCE
&
ARTIFICIAL
INTELLIGENCE**

**PROGRAM
BROUCHER**

WHO ARE WE?

ICAD is Revolutionizing Education :

ICAD is redefining technical education with industry-relevant courses and hands-on training. Focused on practical skills, we prepare students for high-demand careers in fields like QA Testing, Python & AI, and Data Analytics, **bridging the gap between learning and employment.**

About Us

ICAD is a leading computer Institute established since 3 decades specializing in personalized **AI-driven upskilling for students.** We provide tailored educational solutions to universities and colleges, delivering top-quality education. We partnered with leading ed tech company codingpro, and their **team of IIT and IIM graduates develop cutting-edge technology solutions for campuses.** In collaboration with Codingpro, we've launched a program to **integrate advanced technology into learning and upskilling.**

Python & AI: Shaping the Future of Innovation

Python is the backbone of **Artificial Intelligence (AI)**, offering simplicity, versatility, and powerful libraries that make AI development seamless. From automating tasks to building intelligent applications.

Imagine a virtual assistant that understands your voice commands or a recommendation system that suggests what to watch next—AI powers these innovations. With Python, you can develop **machine learning models**, automate workflows, and build smart systems that solve real-world problems.

Whether you're a beginner or an experienced developer, mastering Data Science & AI opens doors to endless possibilities in data science, automation, and cutting-edge innovations

Our Program



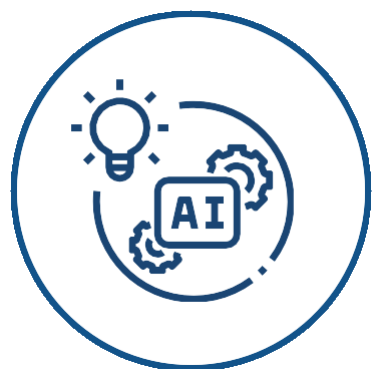
Industry-Driven Curriculum

Designed with input from industry experts to meet real-world demands.



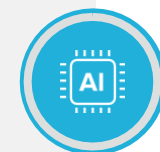
Virtual Labs & Testing Tools

Hands-on practice in a browser—no downloads, no hassle.



AI-Enabled Learning

Personalized and adaptive learning powered by Artificial Intelligence.



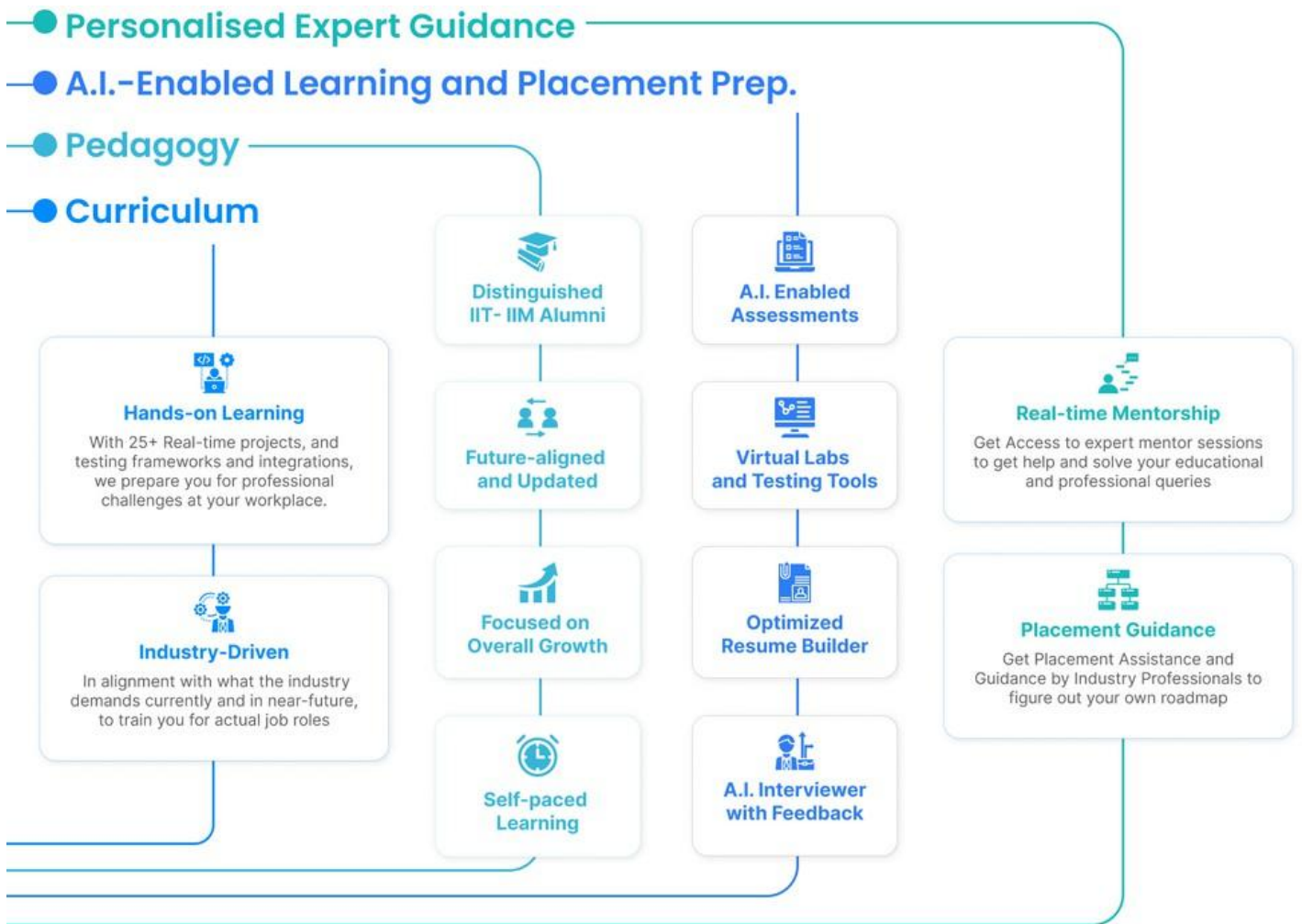
Expert Guidance

Mentorship from seasoned professionals with real-time feedback.



Our Comprehensive Ecosystem

We have meticulously designed an entire web-based ecosystem encompassing all stages of your learning journey and more. With us, you don't need to look for resources or assistance anywhere else, as we deliver brilliance directly to you.



Unlock Success in 3 Simple Steps



Systematic Foundation and Growth



Market-Ready Skill-Building



Placement Preparation



Successful Python & AI Professional

Is learning Python & AI the right career move for you?

We'll help you decide.

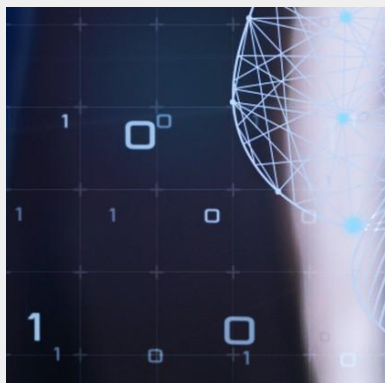
As industries embrace automation and data-driven decision-making, the demand for Python & AI professionals is soaring, offering not only job security but also the chance to work on groundbreaking innovations in fields like healthcare, finance, and automation.

The best part? Python's simplicity makes AI accessible even for beginners, meaning you don't need an advanced technical background to get started. Whether you're switching careers, diving into tech for the first time, or upskilling for the future, Python & AI provide a powerful and rewarding entry point into one of the fastest-growing fields in technology.

- According to Fortune Business Insights, the global AI market was valued at \$515.3 billion in 2023 and is expected to grow at a **21.6% CAGR**.
- In India, NASSCOM projects the AI market to reach **\$17 billion by 2027**.



According to BLS, AI and machine learning jobs are expected to grow **35%** by 2032, among the fastest-growing careers.



McKinsey reports that **50% of companies** have adopted AI in at least one business function.

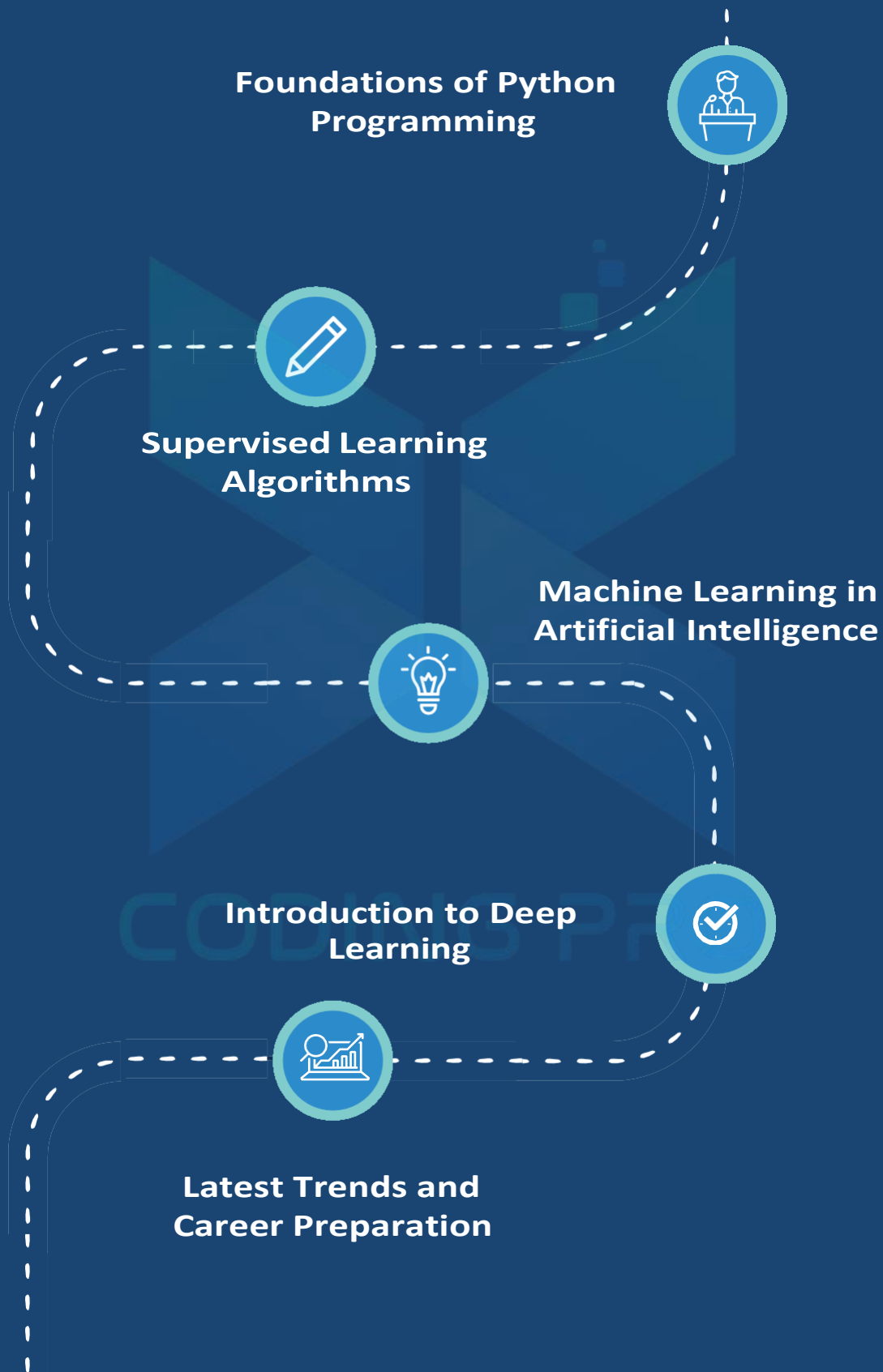
By 2027, global AI spending is expected to exceed \$300 billion



PwC estimates AI could contribute \$15.7 trillion to the global economy by 2030.

Gartner predicts that by 2025, AI will power 95% of enterprise applications.

6-Month Program Roadmap



Program Curriculum

1 Foundations of Python Programming

- Introduction to Python
- Data Types and Variables, Control Structures
- Functions and Modules
- OOPS Concepts
- File Handling
- Libraries & Data Wrangling

2 Supervised & Unsupervised Learning Algorithms

- Gradient Boosting Machines (GBM)
- Support Vector Machines (SVM)
- K-Nearest Neighbors (KNN)
- Naive Bayes Classifier
- Dimensionality Reduction Techniques

3 Machine Learning in AI

- Introduction to AI and ML: History, applications
- Scikit-learn Basics: Regression, classification, clustering
- Performance Metrics:
- Learning Algorithms
- Generative Models

4 Introduction to Deep Learning

- Basics of Neural Networks: Perceptron, multi-layer perceptrons
- Activation functions
- Key Architectures: CNNs, RNNs, and their applications
- Training Techniques: Loss Functions
- Backpropagation & gradient descent

5 Latest Trends and Career Preparation

- Cloud AI Platforms
- No-Code & Low-Code AI
- Latest AI Innovations
- Career Preparation & Mock Interviews

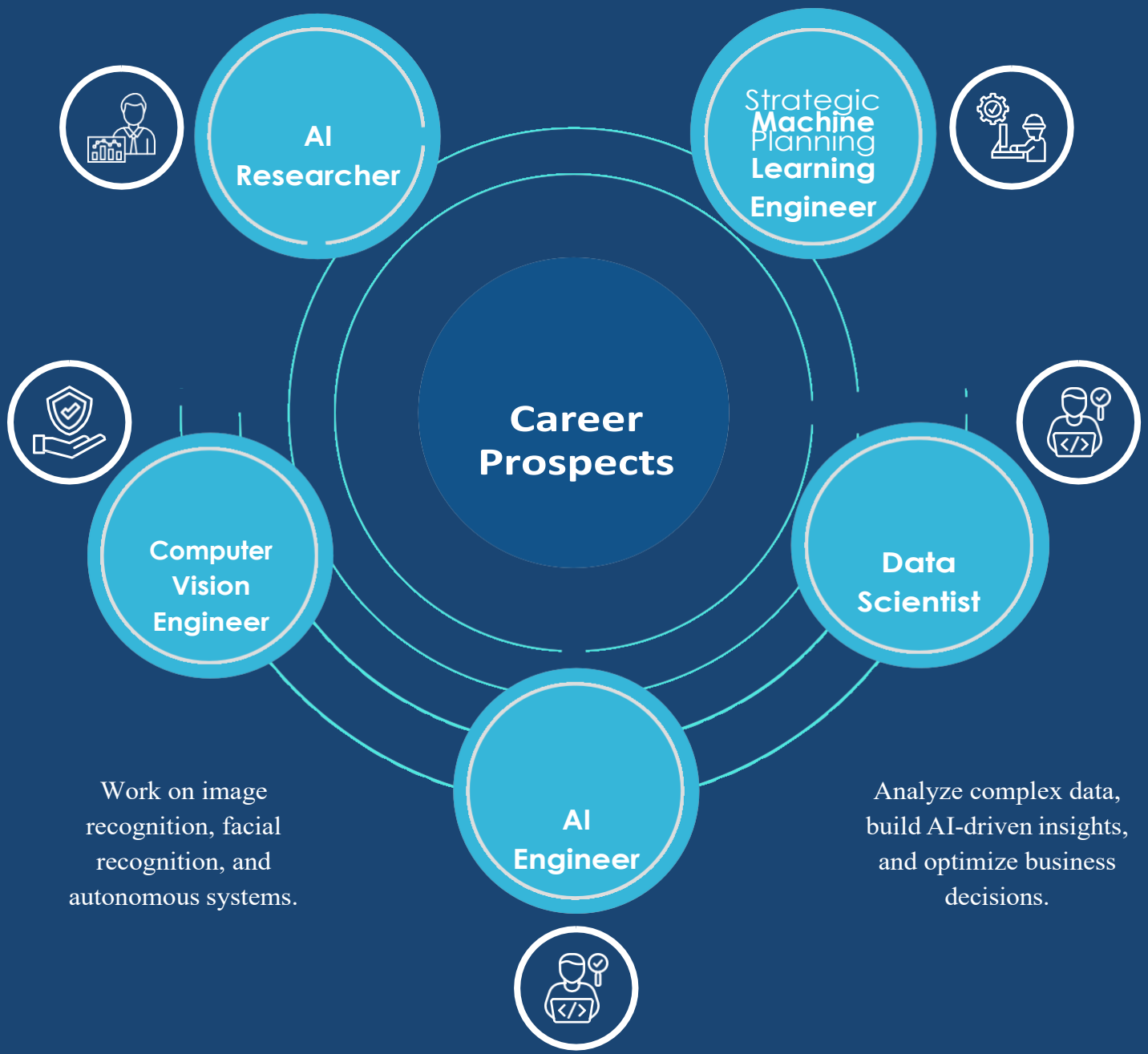




Career Prospects

Advance AI algorithms, deep learning models, and contribute to cutting-edge innovations.

Develop and deploy ML models for automation and predictive analytics.



**AI
Researcher**

**Strategic
Machine
Learning
Engineer**

**Career
Prospects**

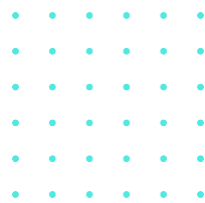
**Computer
Vision
Engineer**

**Data
Scientist**

**AI
Engineer**

Work on image recognition, facial recognition, and autonomous systems.

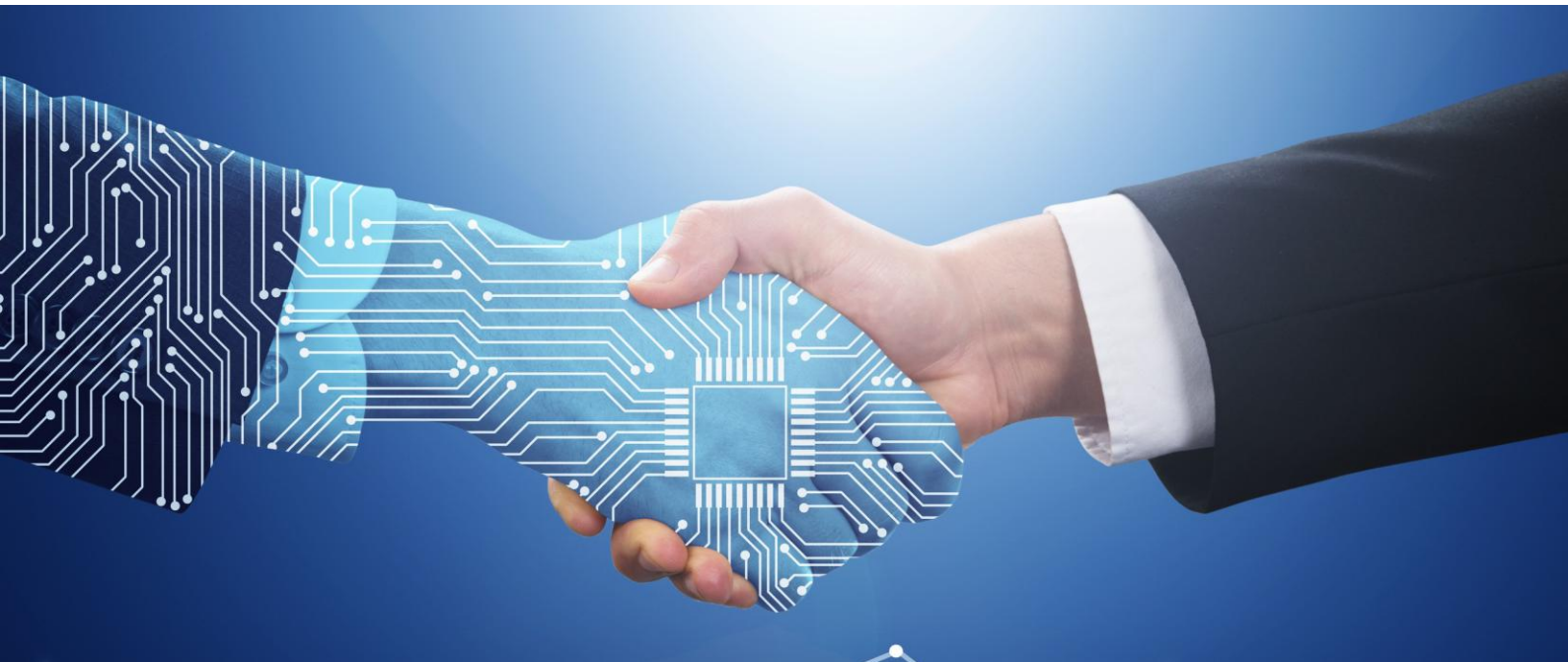
Analyze complex data, build AI-driven insights, and optimize business decisions.



Pricing

Features	Advanced	Basic
	₹2,00,000 ₹1,65,100	₹97,000 ₹80,100
Curriculum	Designed as per company's current requirements	Designed as per company's current requirements
Doubts Clarification	Weekly Doubt Clarification,	Self-learning through recorded sessions and extensive e-books
Trainers	Highly experienced faculty members	Highly experienced faculty members
Placement Opportunities	Placement Assistance and Personalized Feedback	Placement Assistance and Personalized Feedback
Projects	20+ Real Time Projects to make your resume and skills strong	20+ Real Time Projects to make your resume and skills strong
Access to Labs	24 x 7 Online State-of-the-art labs. No installation/setup needed	24 x 7 Online State-of-the-art labs. No installation/setup needed
AI Mock Interviews	With AI Interviewer - Curie	With AI Interviewer - Curie
Expert Mock Interviews	With dedicated Tech Tech and HR Panels	

Eligibility Criteria



• Education

Open to all graduates and final-year students (technical background isn't mandatory)

• Equipment

Access to a laptop or desktop with a stable internet connection

• Skills

No prior coding or testing experience is needed; basic computer knowledge is sufficient. The course content is beginner- friendly.

• Age

12 years and above.

• Language

Basic English proficiency

**WEBSITE**

www.icadinstitute.co.in

**PHONE**

9819804464

**ADDRESS**

38, juhu supreme shopping center, 1 st Floor,
jvpd scheme, Mumbai 400049

3, pankaj building, dr ambedkar road, pali hill,
bandra west, Mumbai 400 050