

DIGITAL TRANSFORMATION CONSULTING · ADVANCED

AI-Led Digital Transformation Program

Transformation with AI at the core.

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LEVEL	Advanced
DURATION	80Hours
MODULES	8
CERTIFICATE	SAM-AIDT

Why this program

Plan and drive transformation with AI at the core — from use cases to operating model.

Generative and predictive AI are changing how organisations operate, compete and serve customers, but value comes from strategy, data, governance and adoption rather than tools alone. This advanced program teaches leaders to identify high-value AI use cases, build business cases, design the AI operating model, manage risk and drive responsible enterprise-wide adoption.



80Hours

program of compact, practical sessions

8

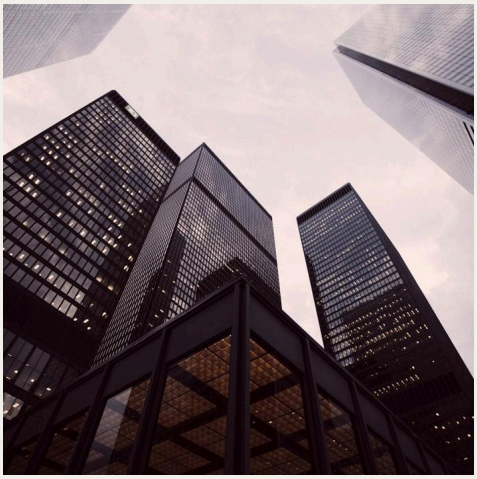
focused modules, built around real work

3

projects plus a capstone presentation



Who this program is for



01

Non-technical leaders

Digital awareness and literacy workshops

02

Strategy & operations teams

Enterprise digital strategy, RPA

03

Transformation leads

AI-led transformation, data-driven org

04

CxOs

Digital transformation leadership

PREREQUISITES

- Experience leading teams, projects or business functions
- Basic understanding of digital technologies and data
- Familiarity with business cases and budgeting

DESIGNED FOR

- AI Transformation Lead
- Chief Digital or Innovation Officer
- Digital Transformation Manager
- AI Product Manager
- Strategy and Transformation Consultant

What you'll be able to do.

01 Explain modern AI capabilities, limitations and enterprise patterns

02 Identify and prioritise high-value AI use cases across functions

03 Build AI business cases with measurable value and costs

04 Design an AI operating model, platform and data foundation

05 Apply AI governance, risk management and responsible AI principles

06 Lead AI adoption through change management and upskilling

How the program works

AI Landscape for Leaders

Machine learning, deep learning and generative AI, Large language models and multimodal AI, AI agents and agentic workflows, Enterprise AI platforms overview.

AI Use Case Discovery

Value chain opportunity mapping, Use case ideation workshops, Feasibility and data readiness, Value vs complexity prioritisation.

AI Business Cases and Value

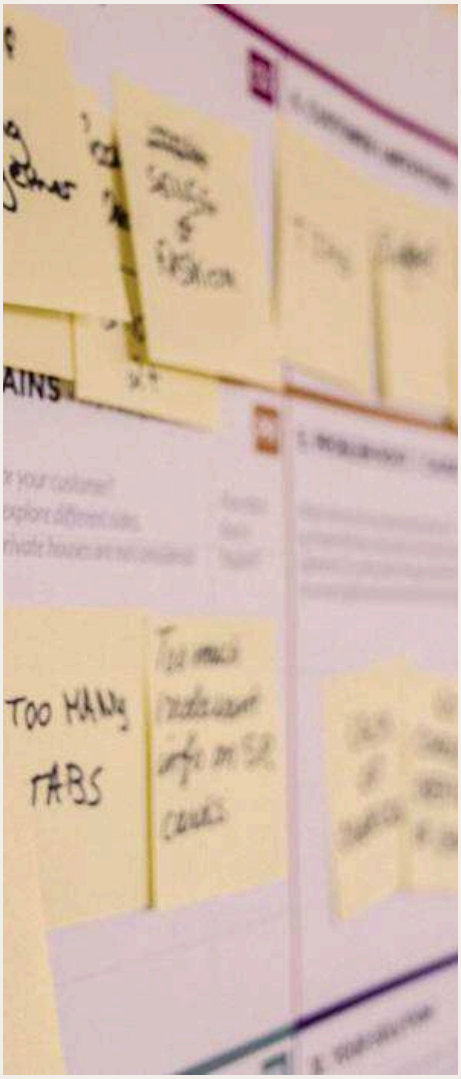
Benefits quantification methods, Total cost of ownership for AI, Pilot design and success metrics, Scaling from pilot to production.

Data Foundations for AI

Data strategy and architecture, Data quality and governance, Retrieval-augmented generation concepts, Cloud AI platforms such as Vertex AI.

01 · AI Landscape for Leaders	10 hrs
02 · AI Use Case Discovery	10 hrs
03 · AI Business Cases and Value	10 hrs
04 · Data Foundations for AI	10 hrs
05 · Hands-On AI Prototyping	10 hrs
06 · AI Operating Model	10 hrs
07 · AI Governance and Responsible AI	10 hrs
08 · Leading AI Adoption and Change	10 hrs

★ Capstone · AI Transformation Roadmap



The curriculum

MODULES 01–03

01 AI Landscape for Leaders

10 HOURS

Practical: Evaluate leading AI assistants on realistic business tasks and compare outputs.

- Machine learning, deep learning and generative AI
- Large language models and multimodal AI
- AI agents and agentic workflows
- Enterprise AI platforms overview
- Capabilities and limitations

02 AI Use Case Discovery

10 HOURS

Practical: Generate and prioritise AI use cases for a case-study business.

- Value chain opportunity mapping
- Use case ideation workshops
- Feasibility and data readiness
- Value vs complexity prioritisation
- Build, buy or partner decisions

03 AI Business Cases and Value

10 HOURS

Practical: Build a business case for a generative AI customer service use case.

- Benefits quantification methods
- Total cost of ownership for AI
- Pilot design and success metrics
- Scaling from pilot to production
- Value tracking dashboards



Curriculum, continued

MODULES 04–06

04 Data Foundations for AI

10 HOURS

Practical: Assess data readiness for three AI use cases using a checklist.

- Data strategy and architecture
- Data quality and governance
- Retrieval-augmented generation concepts
- Cloud AI platforms such as Vertex AI
- Data privacy and the DPDP Act

05 Hands-On AI Prototyping

10 HOURS

Practical: Prototype a document question-answering assistant using a low-code platform.

OpenAI Gemini

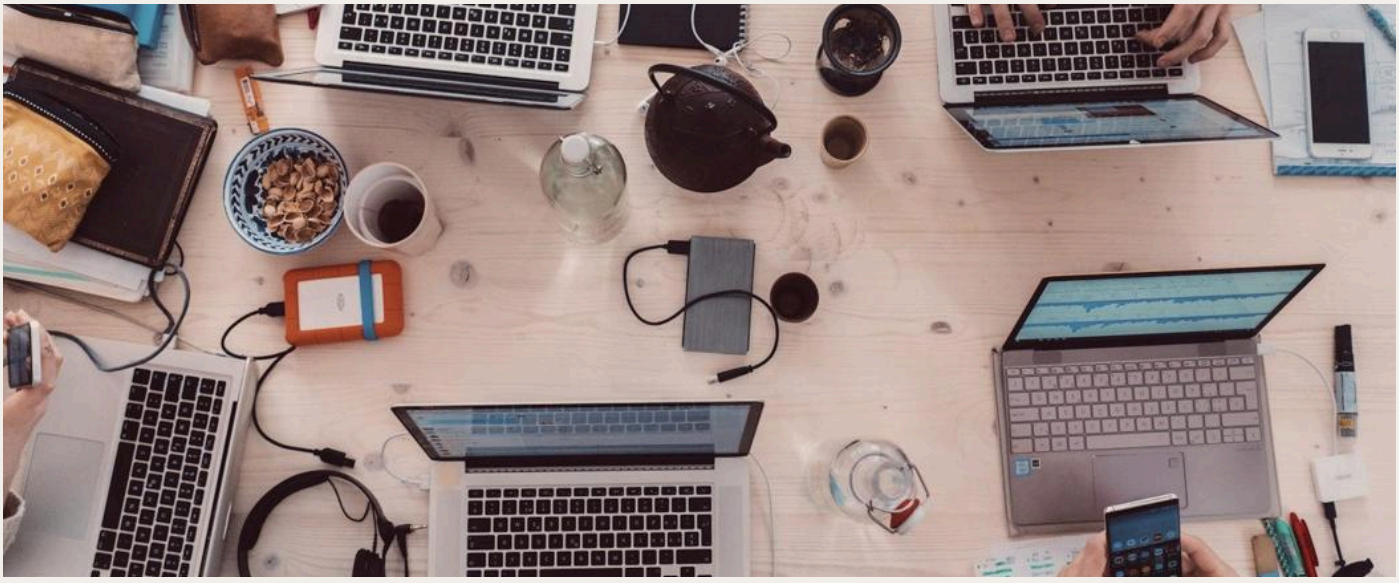
- Prompt engineering techniques
- No-code AI app builders
- Using OpenAI and Gemini APIs
- Building a simple RAG assistant
- Evaluating AI outputs

06 AI Operating Model

10 HOURS

Practical: Design an AI operating model and team structure for a mid-size enterprise.

- AI Centre of Excellence structures
- Roles and skills for AI teams
- MLOps and LLMOps basics
- Platform and vendor strategy
- Funding and portfolio management



Curriculum, continued

MODULES 07–08

07 AI Governance and Responsible AI

10 HOURS

Practical: Draft an AI governance policy and risk register for a pilot.

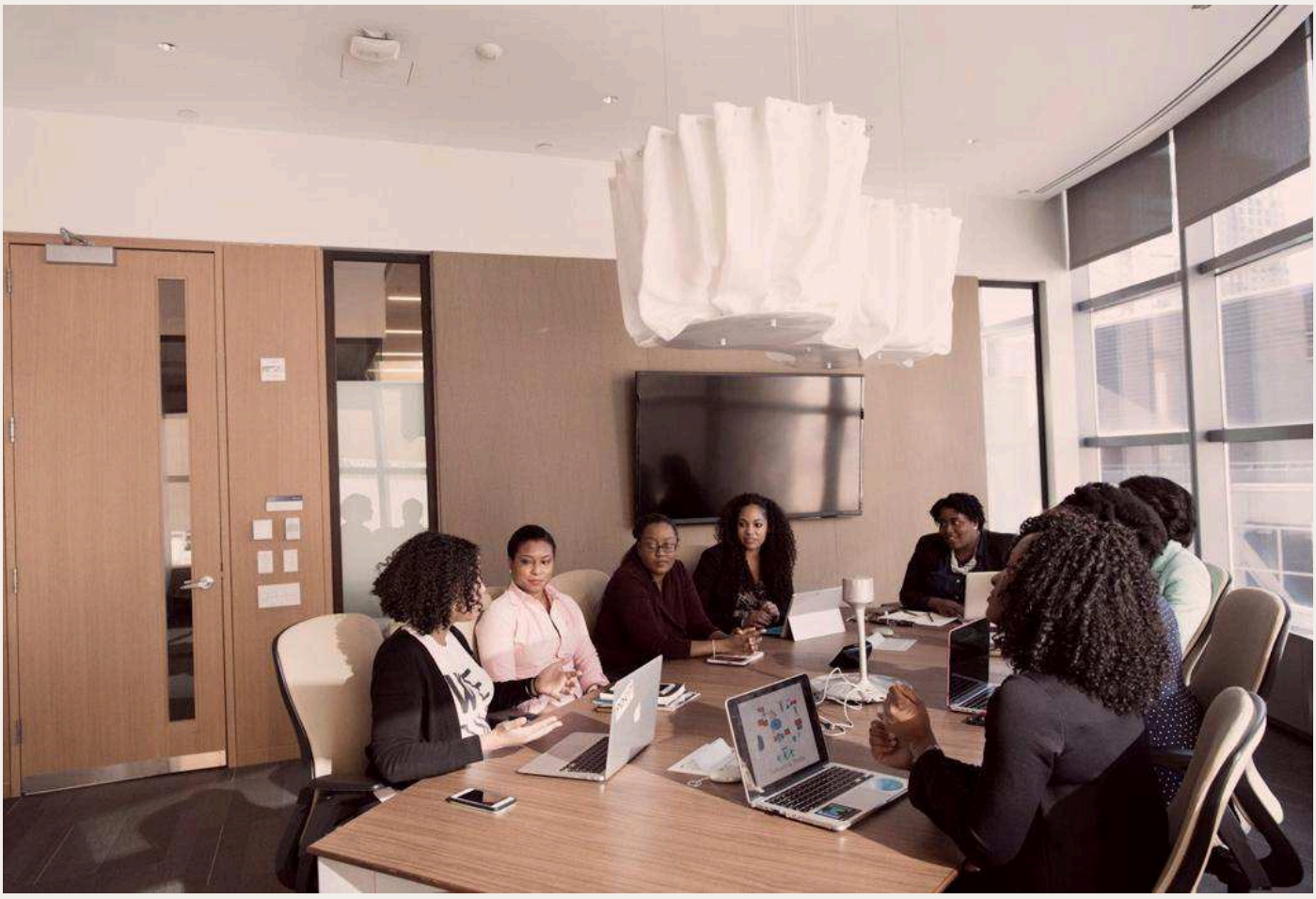
- AI risk categories and controls
- ISO/IEC 42001 and NIST AI RMF
- EU AI Act and Indian guidance overview
- Bias, transparency and explainability
- AI security and misuse risks

08 Leading AI Adoption and Change

10 HOURS

Practical: Create a change and communication plan for an AI rollout.

- Change management for AI
- Workforce upskilling strategies
- Human-in-the-loop process design
- Communicating AI to stakeholders
- Measuring adoption

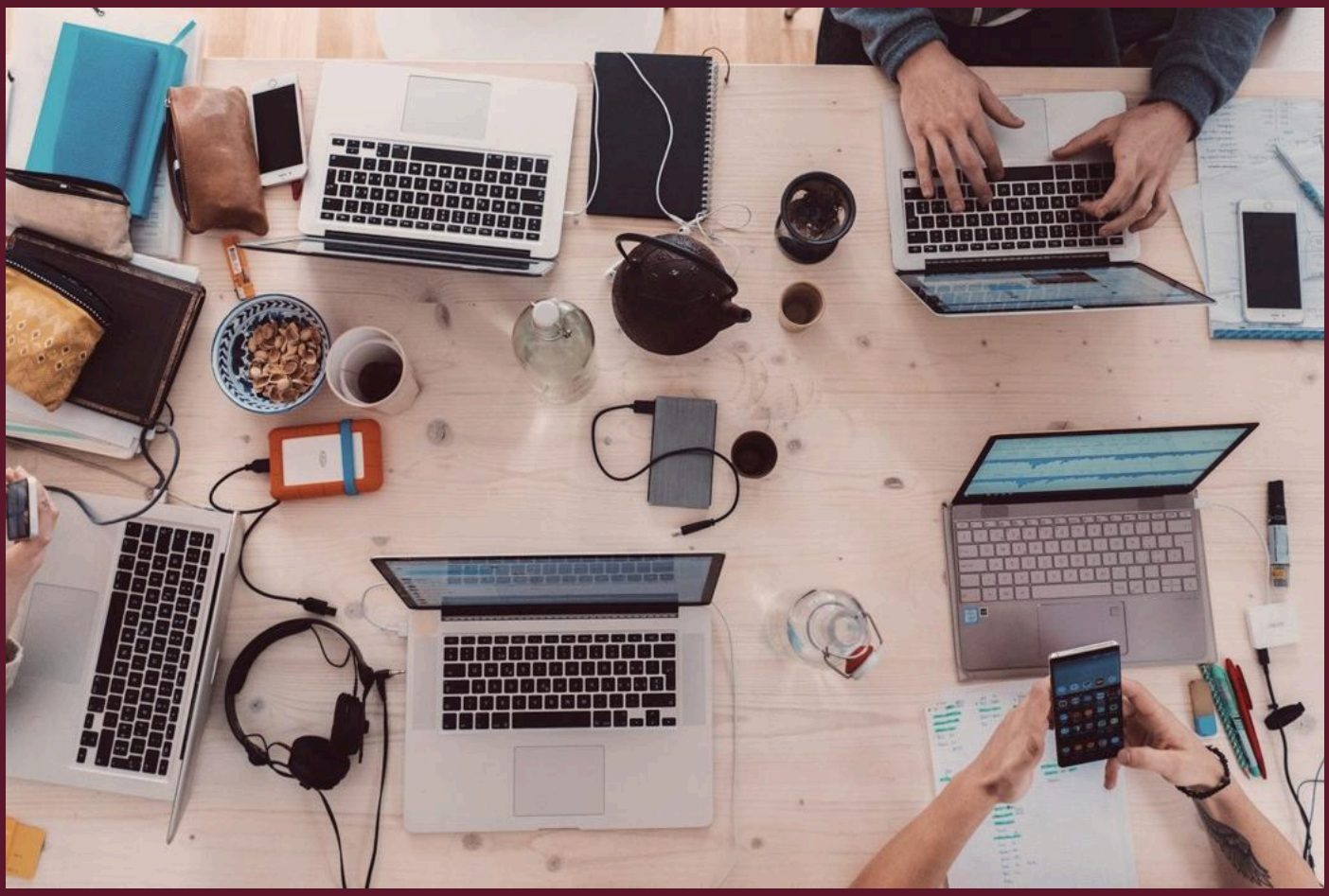


The frameworks you'll lead with.

DPDP Act 01

NIST AI RMF 02

EU AI Act 03



OpenAI
GPT models & APIs

Google Cloud
Cloud platform

Gemini
Gemini models

Projects & capstone

01

AI Use Case Portfolio

Identify, assess and prioritise ten AI use cases for a case-study organisation using value and feasibility criteria.

02

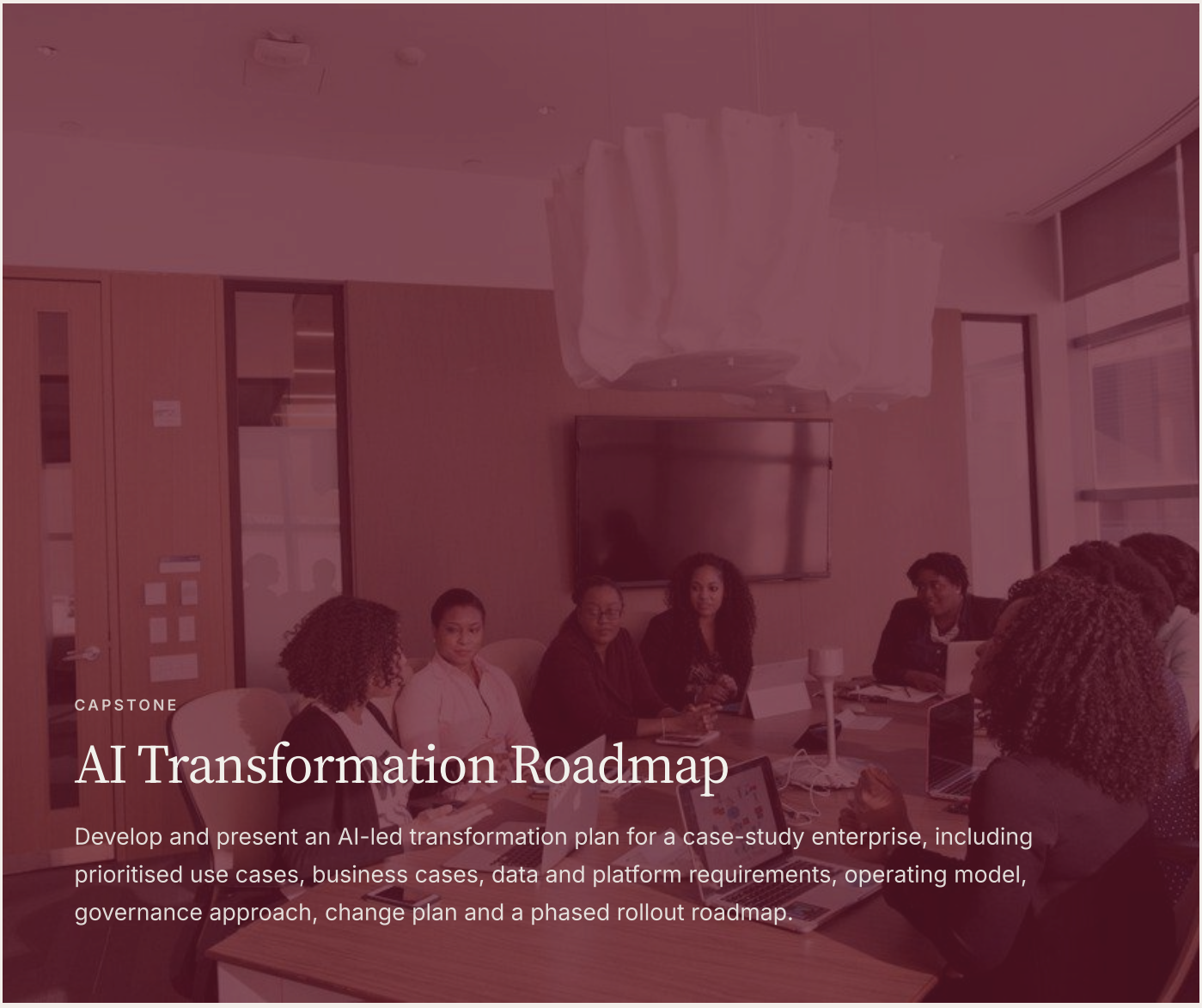
Generative AI Prototype

Build a working low-code prototype of an AI assistant that answers questions from internal documents.

03

AI Governance Framework

Draft an AI policy, risk register and approval workflow aligned with recognised AI governance frameworks.



CAPSTONE

AI Transformation Roadmap

Develop and present an AI-led transformation plan for a case-study enterprise, including prioritised use cases, business cases, data and platform requirements, operating model, governance approach, change plan and a phased rollout roadmap.

CERTIFICATION

SAM-AIDT

Awarded on successful completion of the program assessments.

- MCQ assessments
- Practical lab evaluation
- Project & capstone review
- Final presentation

HOW YOU LEARN · THE SAM LEARNING FRAMEWORK™

01 Scenario

Real-world attack and use-case scenarios open every module.

02 Apply

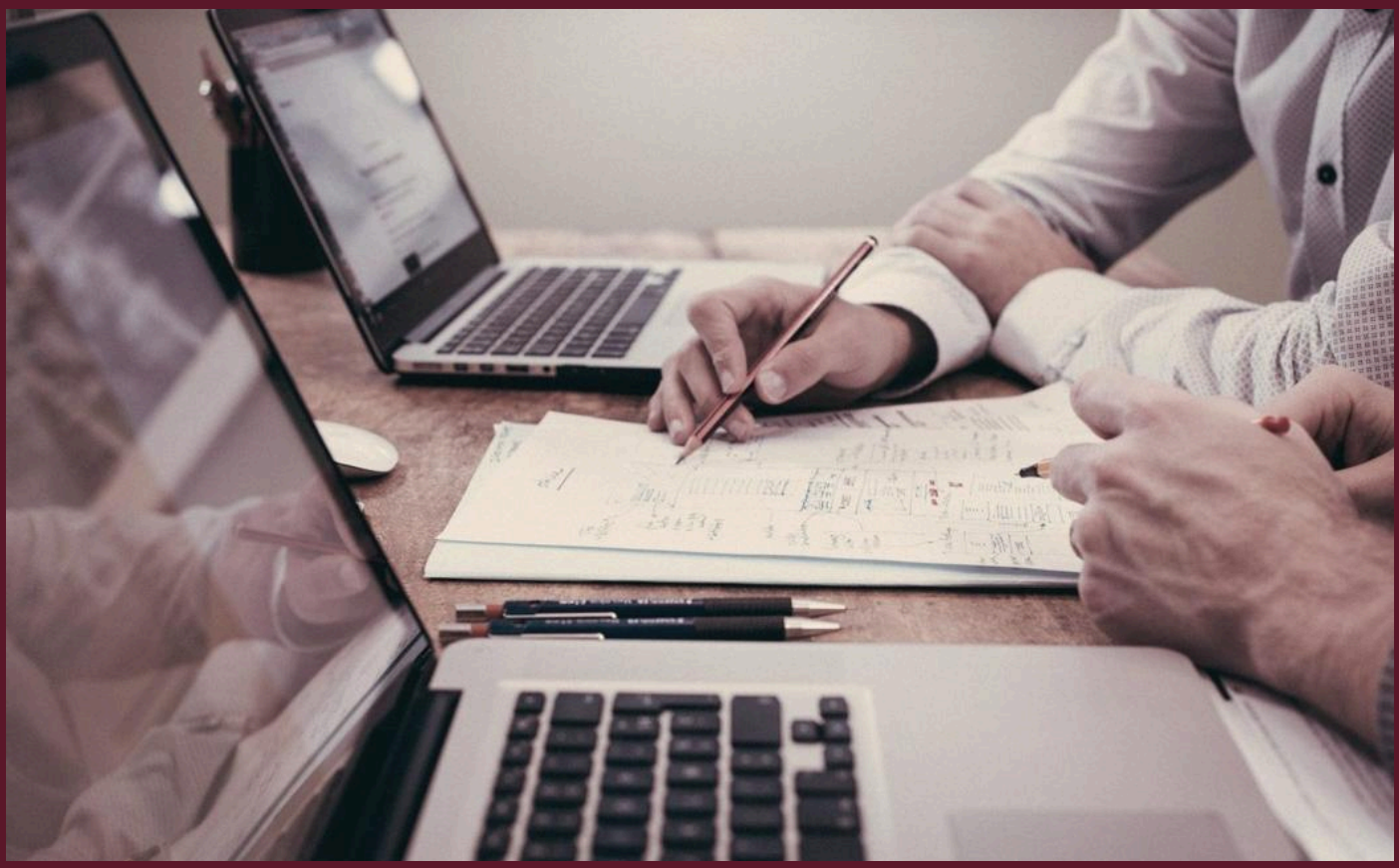
Hands-on lab work, CTF challenges and live projects.

03 Master

Assessment, peer review and certification prep.

04 Mentor

Post-program career guidance and support.



Delivery: Instructor-Led (ILT) · Virtual Instructor-Led · Self-Paced Online · E-Learning Licensing · Blended Learning · Corporate Onsite

Where this program fits

Foundation	Intermediate	**Advanced**	Expert
2 programs	2 programs	You are here	1 programs

BEFORE THIS

Enterprise Digital Strategy	32 Hours
Process Automation & RPA	48 Hours

UP NEXT

Digital Transformation Leadership (CxO)	24 Hours



Questions, answered

Do I need prior experience to join?

Experience leading teams, projects or business functions is recommended. You do not need programming skills; prototyping uses low-code tools and guided exercises. Familiarity with digital concepts and business cases will help you get more from the program.

How is the program delivered and scheduled?

The 80 hours program is instructor-led and delivered live virtual or blended, combining concept sessions, demonstrations and guided hands-on work. Batch timings and session frequency are confirmed with the academy team at enrollment.

Will I receive a certificate?

Yes. Participants who attend the required sessions and pass the program assessments, including practical tasks and a capstone review, receive the Samcommunity Academy SAM-AIDT certificate for AI-Led Digital Transformation Program.

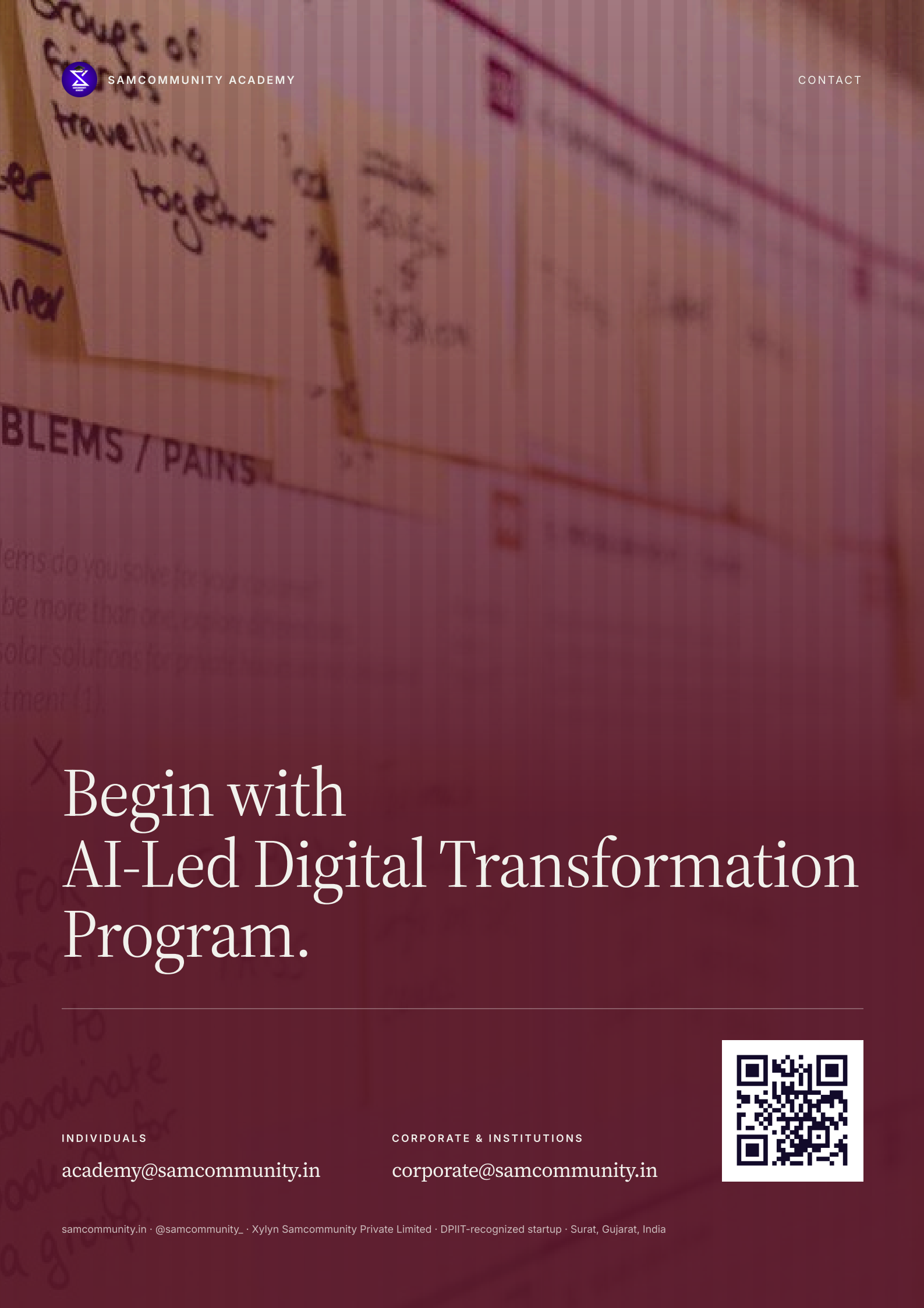
What labs and tools will I have access to?

Hands-on sessions use widely available AI assistants, OpenAI and Google Cloud tools, and low-code AI builders in guided exercises. Any account requirements, trial access or usage costs are explained before the relevant sessions.

Is career support provided?

Yes. You receive guidance on building a portfolio from your projects, presenting skills on your resume and preparing for interviews. Career support helps you present yourself well, but job placement, interviews and salaries are not guaranteed.





Begin with AI-Led Digital Transformation Program.

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