

Workforce Capability PATHWAYS



*Designed to deliver deeper skill enablement and reinforcement experience, **Workforce Capability Pathways** deliver real-world AI skills and reinforce AI-native work habits.*



Perfect for Teams or Individual Learners: Most courses are available on Learning Tree's public schedule — or consult our experts to customise and contextualize a pathway for the needs of your organisation.

Explore Workforce Capability Pathways:

TECHNICAL ROLES

Agentic App Builder
Azure Developer
Copilot AI Agent Builder
Data & Analytics Professional
DevOps Engineer
Government Tech User
IT Professional / Service Desk
Machine Learning Engineer
Python Programmer
QA / Tester
Security Professional
Software Engineer

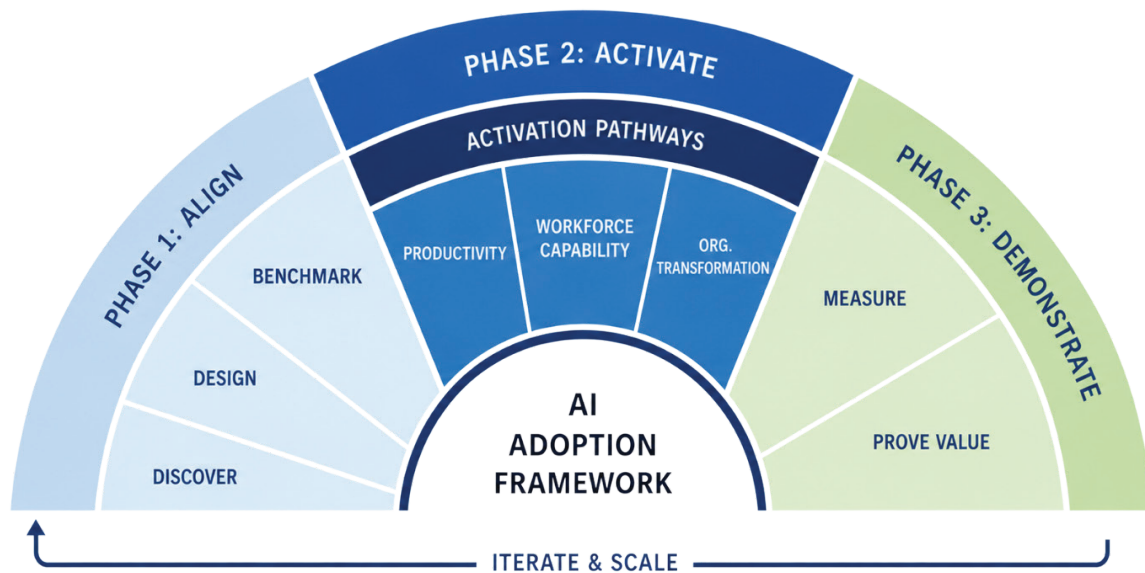
BUSINESS ROLES

Business Analyst
Business Professional
Government Business User
IT Manager
Knowledge Worker (General)
Operations / Process Professional
Product Manager / Owner
Project Manager
Scrum Master / Agile Practitioner
Vibe Coder (Non-Technical)

LEADERSHIP ROLES

Agile Leader
AI Leader / Change Agent
Government Leader

Workforce Capability Pathways are part of Learning Tree's AI Adoption Framework:



WORKFORCE CAPABILITY PATHWAYS

Agentic App Builder

Tech User

Goal: Design, build, and deploy production-ready AI-native and agentic applications using modern architectures, tooling, and governance practices.

Pathway Courses:

- 4726: Fundamentals of AI-Native Software Development
- 1376: Designing and Deploying AI Agents: Architectures, Protocols, and Case Studies
- 8754: GitHub Copilot (GH-300) or 2328: Developing and Deploying AI Applications

Azure Developer

Tech User

Goal: Use Azure AI services to build, deploy, and integrate intelligent solutions.

Pathway Courses:

- 8722: Develop Generative AI Apps in Azure (AI-3016)
- 8698: Develop AI Agents on Azure (AI-3026)
- 8720: Develop AI Agents Using Azure OpenAI and the Semantic Kernel SDK (AZ-2005)

Copilot AI Agent Builder

Tech User

Goal: Use Copilot and agent capabilities to automate workflows and extend business solutions.

Pathway Courses:

- 8728: Customising Copilot AI Assistants for Use in Your Organisation (PL-7008)
- 8751: Extend Microsoft 365 Copilot in Copilot Studio (MS-4022)
- 8724: Build connectors and plugins for Microsoft Copilot for Microsoft 365 (MS-4010)

Data & Analytics Professional

Tech User

Goal: Use AI-enabled analytics platforms to deliver faster insights and smarter decision support.

Pathway Courses:

1367: The Power of AI with Power BI

8704: Implement Real-Time Intelligence with Microsoft Fabric (DP-603)

1294: Graph Databases for Data Analytics and AI

DevOps Engineer

Tech User

Goal: Use AIOps concepts and automation to improve reliability, performance, and operational efficiency.

Pathway Courses:

3697: AIOps Foundation (AIOF) Certification

1250: Components of a Big Data and AI Solution Introduction

4500: Data Management Tools, Machine Learning and AI Training

Government Tech User

Tech User

Goal: Use AI to design and support solutions that improve government operations and mission outcomes.

Pathway Courses:

4700: Introduction to Artificial Intelligence (AI)

1258: Applied AI for Government IT Professionals

IT Professional / Service Desk

Tech User

Goal: Use AI to improve IT service delivery, operational decision-making, and team effectiveness.

Pathway Courses:

4701: Preparing for an AI Transformation Initiative

1299: Artificial Intelligence for IT Service Management Training

Machine Learning Engineer

Tech User

Goal: Design and operationalize agentic AI solutions on AWS, progressing from GenAI fundamentals to advanced multi-agent system implementation.

Pathway Courses:

1248: Generative AI Essentials on AWS

1930: Building Agentic AI with Amazon Bedrock AgentCore

1929: Building Advanced Agentic Systems on AWS

Python Programmer

Tech User

Goal: Use Python and AI-assisted programming techniques to build, enhance, and automate application logic.

Pathway Courses:

1264: Introduction to AI, Data Science & Machine Learning with Python

4535: AI-Powered Programming in Python

1296: Prompt Engineering Automation with Python Course

QA / Tester

Tech User

Goal: Use AI testing practices to validate AI-enabled systems for quality, reliability, and risk.

Pathway Courses:

- 1288: The ISTQB® Certified Tester AI Testing (CT-AI)
- 1259: Introduction to Machine Learning for Non-Programmers
- 1293: Building Practical Skills in NLP and Generative AI

Security Professional

Tech User

Goal: Use AI to strengthen cybersecurity detection, response, and defensive operations.

Pathway Courses:

- 1216: AI Cybersecurity: Attack and Defend
- 2015: AI Powered SecOps with SIEM and SOAR
- 8721: Get Started with Microsoft Copilot for Security (SC-5006)

Software Engineer

Tech User

Goal: Use AI to design, build, and ship software features more efficiently and reliably.

Pathway Courses:

- 1851: AI for Software Engineers: Concepts and Techniques
- 4726: Fundamentals of AI-Native Software Development
- 8754: GitHub Copilot (GH-300)

BUSINESS USER PATHWAYS

Business Analyst

Business User

Goal: Use AI to elicit clearer requirements, analyse information, and translate business needs into actionable outcomes.

Pathway Courses:

- 1928: AI-Driven Business Analysis
- 315: AI-Driven User Requirements – From Needs to Results
- 8705: Implement a Data Science and Machine Learning Solution for AI with Microsoft Fabric (DP-604)

Business Professional

Business User

Goal: Use AI to improve everyday productivity, decision-making, and communication at work.

Pathway Courses:

- 4700: Introduction to Artificial Intelligence (AI)
- 1297: AI Skills for Business Professionals Course

Government Business User

Business User

Goal: Use AI to improve productivity, decision-making, and service delivery in government contexts.

Pathway Courses:

- 4700: Introduction to Artificial Intelligence (AI)
- 4703: AI Insights for Business Users in Government

Knowledge Worker (General)

Business User

Goal: Use AI to improve personal productivity, communication quality, and everyday business outputs.

Pathway Courses:

- 1925: Getting the Most from your Spreadsheets with GenAI
- 1926: Getting the Most from your Presentations with GenAI
- 1927: Getting the Most from your Documents with GenAI

Operations / Process Professional

Business User

Goal: Use AI to analyse, improve, and optimise operational and service processes.

Pathway Courses:

- 1299: Artificial Intelligence for IT Service Management Training
- 8759: Transform Your Everyday Business Processes with Agents (MS-4019)

Product Manager / Owner

Business User

Goal: Use AI to clarify needs, prioritise work, and improve product and delivery outcomes.

Pathway Courses:

- 5205: AI for Product Owners
- 315: AI-Driven User Requirements – From Needs to Results

Project Manager

Business User

Goal: Use AI to plan, track, and communicate project work more efficiently and predictably.

Pathway Courses:

- 4705: AI for Project Managers
- 3604: PMI Certified Professional in Managing AI (PMI-CPMAI)™

Scrum Master / Agile Practitioner

Business User

Goal: Use AI to enhance facilitation, flow, and continuous improvement within Agile teams.

Pathway Courses:

- 5204: AI for Scrum Masters Training
- 3401: AI-Powered Agile Leadership Training

Vibe Coder (Non-Technical)

Business User

Goal: Enable non-technical professionals to use AI and agents to automate workflows and build practical business applications without traditional coding.

Pathway Courses:

4700: Introduction to Artificial Intelligence (AI)

8759: Transform Your Everyday Business Processes with Agents (MS-4019)

4725: AI Vibe Coding for Non-Developers

LEADERSHIP PATHWAYS

Agile Leader

Leader

Goal: Use AI to improve decision-making, adaptability, and organizational agility.

Pathway Courses:

4701: Preparing for an AI Transformation Initiative

3401: AI-Powered Agile Leadership Training

3604: PMI Certified Professional in Managing AI (PMI-CPMAI)™

AI Leader / Change Agent

Leader

Goal: Use AI to evaluate opportunities, manage risk, and guide enterprise adoption decisions.

Pathway Courses:

4701: Preparing for an AI Transformation Initiative

288: APMG Change Management v3 Certification

3604: PMI Certified Professional in Managing AI (PMI-CPMAI)™

Government Leader

Leader

Goal: Use AI to guide responsible adoption, governance, and workforce readiness in government organisations.

Pathway Courses:

4703: AI Insights for Business Users in Government

4701: Preparing for an AI Transformation Initiative