

Techbridge Oracle

Skills Development Initiative

Learner Handbook

YOUR LEARNING JOURNEY

Access → Explore → Choose → Learn → Assess / Certify → Share your success

Your practical reference for getting started, choosing a learning journey, and progressing through the learning paths available in your “Techbridge Oracle Learning Portal”.

PROGRAMME WINDOW Available until May 2027. Plan your learning and any certification activity early enough to complete it within the programme window.

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Welcome to Techbridge Oracle Learning Portal

The UK-Ukraine TechBridge and Oracle are continuing their collaboration to expand access to professional technology education and certification for Ukrainians. The programme supports up to 8,000 participants and is available to Ukrainian citizens currently based in Ukraine, the United Kingdom, Poland and Czechia.

WHO THIS IS FOR Whether you are exploring technology for the first time, building cloud and AI foundations, or preparing for an advanced role, Techbridge Oracle learning portal gives you a structured route through Oracle University learning.

What you can do

- Build in-demand skills across cloud, AI, data, analytics, security, DevOps and Java.
- Complete selected learning paths that lead to digital badges or Oracle certifications.
- Learn on demand with videos, demonstrations, skills checks, assessments and certification-preparation materials.
- Use MyLearn from desktop, laptop or mobile, and track progress in your personal dashboard.

Use this handbook

- Start with “Access your learning portal” if you have not yet activated access.
- Use “Choose your learning path” to find a suitable route.
- Read “Credentials and exam attempts” before scheduling any exam.
- Use the learning path details to understand the audience, time commitment and outcomes for each named path.

Access your learning portal

1. Open the Techbridge Oracle home page

Go to [the Techbridge learning portal](#). Bookmark the page so you can return to your portal easily.

2. Create or use your Oracle account

Create an Oracle University account if you do not already have an Oracle sign-in account. Multi-factor authentication is required. If you already have an account, sign in with it.

3. Activate learning

Select “Activate Learning” and accept the terms and conditions. The activation button is enabled only when you are located in Ukraine, the United Kingdom, Poland or Czechia. Avoid a VPN connection that makes your location appear outside these countries.

4. Start learning

After activation, select “Go to Your Learning” to enter your Techbridge Oracle Learning Portal.

Quick troubleshooting

I already have an Oracle account.	Use your existing Oracle sign-in and go directly to activation.
I cannot activate Learning.	Confirm that you are using the Techbridge Oracle home page and are located in Ukraine, the United Kingdom, Poland or Czechia. If the issue continues, ask for assistance: techbridge@businessandtrade.gov.uk
I am using a VPN.	Disconnect from the VPN and reconnect from a permitted country so that the Activate Learning button can be enabled.
I do not see the expected learning content.	Confirm that Learning access is activated and that you entered MyLearn through “Go to Your Learning”.

How MyLearn supports your learning

MyLearn organises content in three levels:

- Learning paths — end-to-end curricula to master a technology or prepare for certification.
- Courses — structured units that can include videos, demonstrations and assessments.
- Modules — shorter lessons on specific features or topics.

You can expect 24x7 access, role-based recommendations, a personal progress dashboard, live sessions with experts, certification preparation, assessments and knowledge checks, and the Oracle University Community.

LEARNER TIP You do not need to complete every available path. Use your goal, current experience and the learning path details for each path to choose a focused route.

Choose your learning path

Begin with your goal, not with the longest course.

Digital entry-level badges

Learning path	Time	Best for
AI for You	3+ hours	Business professionals who want a practical, non-technical AI introduction.
Cloud Business Jumpstart	1+ hour	Sales professionals, decision-makers and cloud beginners.
Cloud Tech Jumpstart	3+ hours	Students, career changers and entry-level learners building IT fundamentals.

Oracle Foundational Certification

Learning path	Time	Best for
Become an OCI AI Foundations Associate	5+ hours	Beginners in AI/ML and learners new to cloud AI.
Become an OCI Foundations Associate	6+ hours	Cloud operations, architecture, development and administration roles.
Become an OCI Architect Associate	27+ hours	Cloud solution architects and cloud engineers.
Become an Oracle AI Database Foundations Associate	5+ hours	Data engineers and database administrators.

Oracle Professional Certification

Learning path	Time	Best for
Become an OCI Architect Professional	26+ hours	Experienced OCI cloud solution architects and engineers.
Become an OCI DevOps Professional	18+ hours	DevOps, cloud, platform and automation practitioners.
Become an Oracle APEX Developer Professional	16+ hours	Developers and low-code application builders.
Become an OCI Enterprise AI Professional	9+ hours	Architects, AI/ML engineers, senior developers and technical consultants.
Become an OCI Data Science Professional	18+ hours	Data scientists, ML engineers and data practitioners.
Become an Oracle Autonomous AI Database Professional	20+ hours	Database engineers, DBAs and data-focused developers.
Line of Business Analytics & Semantic Modeling Professional	17+ hours	BI, data and business analysts; analytics developers.
Governed Analytics Professional	21+ hours	Analytics, reporting and BI professionals.
Become a Cloud Security Professional	23+ hours	Cloud security, network security and SOC roles.
Become a Java SE17 Developer	34+ hours	Developers with some programming experience.

Credentials and exam attempts

MAKE THE MOST OF FOUNDATIONAL CERTIFICATIONS

Techbridge Oracle learning portal includes multiple attempts for Oracle Foundational Certification exams. Use this opportunity to complete the foundational certifications that support your learning goals and showcase your progress across cloud, AI and database skills. Your certification attempts and exam access are visible in your MyLearn Dashboard.

Build your confidence with the learning path, skills checks, exam-preparation content and practice exam before taking each official exam.

IMPORTANT: PROFESSIONAL CERTIFICATION Techbridge Oracle initiative includes one free professional certification exam attempt in total. This is one attempt across all professional learning paths, not one attempt per professional path. Choose your target professional exam carefully and sit it only when you are ready.

Professional-path readiness Professional learning paths are designed for learners with relevant prior knowledge and practical context. The guidance in your handbook helps you assess readiness; confirm the current learning-path and exam requirements in MyLearn before scheduling an exam.

What is included

Credential type	Attempts & entitlement	How to use it
Digital entry-level badges	Assessment attempts are included; multiple attempts are available.	Complete the learning path and take its end-of-path assessment.
Foundational certifications	Certification exam attempts are included; multiple attempts are available.	Use the path's lessons, skill checks, exam preparation, practice exam and official exam access.
Professional certifications	One free certification exam attempt in total across the entire Techbridge Oracle initiative.	Learning materials, exam-prep content and practice exam are available; reserve the one exam attempt until you are ready.

Before you use the professional attempt

- Commit to one professional certification target; do not treat the exam as a diagnostic.
- Complete the entire aligned learning path and all skills checks.
- Take the practice exam under realistic conditions; revisit every weak topic.
- Check that you meet the path's recommended experience or prerequisite knowledge.
- Confirm the exam title, scheduling details and timing in MyLearn before you book.

Guidance on your learning journey

A practical route

1. Explore: start with AI for You, Cloud Business Jumpstart or Cloud Tech Jumpstart if you are new to the subject.
2. Build foundations: choose the OCI Foundations, OCI AI Foundations, OCI Architect Associate or Oracle AI Database Foundations path that best matches your direction.
3. Specialise: progress to one professional path once you have the prerequisite knowledge and relevant hands-on context.
4. Validate: earn a badge or certification only after completing the learning, skills checks and practice materials.
5. Apply and continue: use projects and your current role to reinforce skills, then return to MyLearn for updated content.

Suggested starting points

Your goal	Start with	Then progress to
I am new to cloud	Cloud Business Jumpstart or Cloud Tech Jumpstart	Then move to OCI Foundations or OCI Architect Associate.
I want to understand AI in my work	AI for You	Then OCI AI Foundations; consider Enterprise AI Professional after building technical experience.
I work with data or databases	Oracle AI Data Platform Essentials	Then Oracle AI Database Foundations; specialise in Autonomous AI Database or Data Science.
I build or operate cloud solutions	OCI Foundations / OCI Architect Associate	Then Architect Professional, DevOps Professional, Cloud Security Professional or Enterprise AI Professional.
I build business applications	AI Foundation for Oracle Cloud Applications or Oracle APEX	Then Oracle APEX Developer Professional.
I analyse and report on data	Analytics path aligned to your role	Choose Line of Business Analytics & Semantic Modeling or Governed Analytics Professional.

Keep your plan sustainable

- Set a weekly learning rhythm that fits your schedule; shorter, consistent sessions are easier to sustain.
- Use your MyLearn dashboard to resume where you stopped and monitor progress.
- Keep notes on skills checks and practice-exam topics you need to revisit.
- Do not wait until the end of the programme window to begin a certification path or schedule an exam.

Complete your journey and earn your credential

Learning paths vary in length and outcome, but the learner pattern is consistent: learn the content, use the available checks and practice opportunities, and complete the assessment or certification exam associated with your chosen path.

- 1 Learn** Work through lessons, demonstrations and modules in the recommended order.
- 2 Check your knowledge** Use skills checks and assessments as checkpoints while you progress.
- 3 Prepare** For certification paths, use exam-preparation materials and a practice exam before the official exam.
- 4 Earn** Complete the assessment for a badge, or take the official certification exam when you are ready.
- 5 Track & showcase** Track completed credentials in MyLearn and share digital badges and certifications with your professional network.

CERTIFICATION REMINDER For professional certifications, Techbridge Oracle initiative provides one free exam attempt in total across all professional paths. Treat the practice exam as your readiness check and protect the official attempt. Professional learning paths are designed for learners with relevant prior knowledge and practical context.

Explore the Learning Paths

Use the learning-path details below as your learner reference.

Cloud Business Jumpstart

Credential	Duration	Audience	Prerequisites
Digital entry-level badge	1+ hour	Sales professionals, business decision-makers and cloud beginners.	None

What it is. A practical introduction to cloud computing and OCI, focused on business value and core concepts.

Key outcomes

- Explain cloud value, deployment and service models.
- Describe core OCI services, security, compliance and FinOps concepts.
- Communicate cloud benefits to stakeholders or clients.

Why it matters. Understand how cloud can support growth, agility and cost-conscious decisions—and explain its value confidently to stakeholders or customers.

Cloud Tech Jumpstart

Credential	Duration	Audience	Prerequisites
Digital entry-level badge	3+ hours	Students, career changers and entry-level professionals; no technical background required.	None

What it is. A starting point for IT and cloud fundamentals, covering data centres, networks and security.

Key outcomes

- Explain cloud data-centre and virtualisation basics.
- Apply basic network concepts such as LANs, IP addressing and routing.
- Describe core security concepts and common cloud threats.

Why it matters. Build the technical vocabulary and core IT understanding needed to explore cloud careers and progress into more advanced learning.

AI for You

Credential	Duration	Audience	Prerequisites
Digital entry-level badge	3+ hours	Professionals who want to apply AI in business scenarios; no technical background required.	None

What it is. A beginner-friendly AI introduction covering AI, ML, deep learning, generative AI, business use cases and responsible use.

Key outcomes

- Differentiate core AI concepts and common applications.
- Recognise AI workflows and buy-versus-build considerations.
- Identify limitations, bias, ethics and responsible-use considerations.

Why it matters. Develop the confidence to participate in AI conversations, identify useful applications in your work and use AI responsibly.

AI Foundation for Oracle Cloud Applications

Credential	Duration	Audience	Prerequisites
Training	Less than 1 hour	Executive management, new users, functional and technical implementation consultants, and integration leads.	None

What it is. A brief introduction to Oracle's pervasive AI approach in Fusion Applications.

Key outcomes

- Describe AI benefits in Oracle Fusion applications.
- Distinguish embedded versus custom and generative versus non-generative AI.
- Recognise how to apply Oracle's pervasive AI approach.

Why it matters. Understand how AI can improve Oracle Fusion Applications and contribute more effectively to AI-enabled business transformation.

Become an OCI Foundations Associate

Credential	Duration	Audience	Prerequisites
Oracle Foundational Certification	6+ hours	Cloud operations engineers, architects, developers, DevOps engineers, cloud engineers, data scientists/ML engineers and administrators.	Basic cloud-computing understanding is helpful.

What it is. Introduces OCI architecture, IAM, networking, compute, containers, storage, security and cost management.

Key outcomes

- Explain OCI foundations and distributed-cloud concepts.
- Configure core networking, compute, storage and security services.
- Apply basic cost-management and governance concepts.

Why it matters. Gain the core OCI knowledge needed to begin using, supporting or discussing cloud environments with confidence.

Become an OCI AI Foundations Associate

Credential	Duration	Audience	Prerequisites
Oracle Foundational Certification	5+ hours	AI/ML beginners, cloud engineers, cloud architects, IT professionals and students.	No prior AI/ML or coding experience is required.

What it is. Introduces AI, machine learning, deep learning and generative AI with an OCI focus.

Key outcomes

- Describe generative AI, LLM and ML fundamentals.
- Explore the Oracle AI stack and OCI AI services.
- Choose OCI AI services for practical use cases.

Why it matters. Build a strong AI and OCI foundation that helps you recognise the right Oracle AI services for real business and technical needs.

Oracle AI Data Platform Essentials

Credential	Duration	Audience	Prerequisites
Digital entry-level badge	1+ hour	Data professionals new to Oracle AI Data Platform.	None

What it is. An introduction to AIDP concepts, architecture, data catalogues, policies, projects and governed data lakes.

Key outcomes

- Describe AIDP capabilities and value.
- Explain how catalogues and policies support governance.
- Organise secure, compliant data projects and data lakes.

Why it matters. Understand how governed data foundations enable reliable analytics and AI initiatives across an organisation.

Become an Oracle AI Database Foundations Associate

Credential	Duration	Audience	Prerequisites
Oracle Foundational Certification	5+ hours	Data engineers and database administrators.	None

What it is. Introduces Autonomous AI Database, converged data, AI features, Data Studio, vector search, Oracle Machine Learning and APEX.

Key outcomes

- Provision and administer Autonomous AI Database.
- Work with JSON, graph and vector data.
- Use Data Studio and AI-enabled database capabilities.

Why it matters. Build practical familiarity with AI-powered database capabilities that support modern application development, analytics and intelligent data use.

Become an OCI Architect Associate

Credential	Duration	Audience	Prerequisites
Oracle Foundational Certification	27+ hours	Cloud solution architects and cloud engineers.	Foundational OCI knowledge is recommended.

What it is. Develops hands-on ability to design, secure and deploy OCI solutions using IAM, networking, compute and storage.

Key outcomes

- Design and configure OCI IAM and VCN foundations.
- Implement compute and storage services.
- Design secure, scalable cloud environments.

Why it matters. Develop hands-on cloud-architecture skills for designing secure, scalable OCI solutions.

Become an OCI Architect Professional

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	26+ hours	Cloud solution architects and cloud engineers.	Good understanding of OCI IAM, networking, compute and storage; 1–2 years of hands-on OCI experience recommended.

* One free professional exam attempt in total across Techbridge.

What it is. Advanced OCI architecture with high availability, disaster recovery, cloud-native patterns, infrastructure as code, databases, security and observability.

Key outcomes

- Architect HA and DR solutions.
- Design cloud-native solutions and infrastructure as code.
- Implement OCI database, security and observability patterns.

Why it matters. Strengthen your ability to design resilient, secure and cloud-native OCI architectures for complex enterprise needs.

Become an OCI DevOps Professional

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	18+ hours	DevOps engineers and cloud practitioners.	Core OCI knowledge, including IAM, networking, compute and storage; hands-on familiarity with Git, CI/CD, Linux command line and scripting; containers and infrastructure-as-code concepts recommended.

* One free professional exam attempt in total across Techbridge.

What it is. Covers DevOps services and practices for building, automating and operating software delivery on OCI.

Key outcomes

- Apply CI/CD and automation concepts.
- Use OCI DevOps services across a delivery lifecycle.
- Improve repeatability, observability and release practices.

Why it matters. Build the automation, delivery and operational practices needed to release software more reliably and efficiently on OCI.

Become an Oracle APEX Developer Professional

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	16+ hours	Developers and low-code application builders.	Working knowledge of SQL and relational data concepts; basic PL/SQL; familiarity with HTML/CSS/JavaScript and prior Oracle APEX development

Credential	Duration	Audience	Recommended prior knowledge
			recommended.

* One free professional exam attempt in total across Techbridge.

What it is. Builds skills for developing, securing and deploying database-backed applications with Oracle APEX.

Key outcomes

- Build and enhance APEX applications.
- Work with data, pages, components and application logic.
- Apply development and deployment practices.

Why it matters. Gain the skills to create, secure and deploy database-backed low-code applications that deliver business value quickly.

Become an Oracle Autonomous AI Database Professional

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	20+ hours	Database professionals and developers working with Autonomous AI Database.	Working knowledge of SQL, relational database concepts and basic database administration; familiarity with OCI and Autonomous AI Database provisioning/administration; basic AI, vector-search or Python knowledge beneficial.

* One free professional exam attempt in total across Techbridge.

What it is. Covers autonomous database capabilities, administration, data access and AI-enhanced database features.

Key outcomes

- Provision and manage database services.
- Use database capabilities for modern data workloads.
- Apply secure, scalable database practices.

Why it matters. Develop the database and AI capabilities needed to manage modern, intelligent and scalable data workloads.

Become an OCI Data Science Professional

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	18+ hours	Data scientists, ML engineers and cloud data practitioners.	Python, statistics and machine-learning fundamentals; experience with data preparation, model training and evaluation; familiarity with OCI IAM, Object Storage, notebooks and the ADS SDK recommended.

* One free professional exam attempt in total across Techbridge.

What it is. Develops practical skills across OCI Data Science environments, the ML lifecycle, MLOps and integrations with OCI services.

Key outcomes

- Configure workspaces and projects using the ADS SDK.
- Prepare data, train, evaluate and deploy models.
- Apply MLOps and integrate relevant OCI services.

Why it matters. Build practical cloud data-science and MLOps skills for taking machine-learning solutions from experimentation to deployment.

Become a Cloud Security Professional

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	23+ hours	Cloud security administrators and engineers, network security administrators, security managers, architects and SOC analysts.	Core OCI services, including IAM, networking, compute and storage; cloud-computing fundamentals; security concepts such as least privilege, encryption, network segmentation, logging and incident response.

* One free professional exam attempt in total across Techbridge.

What it is. Explores OCI identity, network, application, data and operations security services and design patterns.

Key outcomes

- Implement IAM, least privilege and workload authentication.
- Secure networks, applications and data.
- Use posture management, logging and automated response practices.

Why it matters. Learn to protect OCI environments through sound identity, network, data and security-operations practices.

Become an OCI Enterprise AI Professional

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	9+ hours	Solution and AI architects, AI/ML engineers, senior developers, cloud engineers, data scientists and technical consultants.	Core OCI and AI/ML knowledge; practical understanding of generative AI, LLMs and prompting; familiarity with Python, APIs and agentic-AI or RAG concepts; cloud security and governance awareness recommended.

* One free professional exam attempt in total across Techbridge.

What it is. Focuses on enterprise-grade AI and agentic AI solutions on OCI, including models, agents, governance, security and cost optimisation.

Key outcomes

- Apply LLM and model-customisation concepts.
- Build and deploy enterprise AI agents.
- Implement governance, observability, security and cost practices.

Why it matters. Develop the skills to design, deploy and govern secure enterprise AI and agentic-AI solutions on OCI.

Become a Java SE17 Developer

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	34+ hours	Engineers and developers with some non-Java programming experience, or basic Java knowledge.	Prior programming experience in another language; object-oriented programming fundamentals; basic command-line and development-tool familiarity. Existing Java knowledge is helpful.

* One free professional exam attempt in total across Techbridge.

What it is. Comprehensive Java SE 17 training to prepare for secure, portable, high-performance application development.

Key outcomes

- Apply object-oriented programming and Java syntax.
- Use core Java APIs, Collections, Streams, IO and concurrency.
- Deploy Java SE applications and use JDK 17 features.

Why it matters. Strengthen your Java development capability to build secure, portable and high-performance applications.

Line of Business Analytics and Semantic Modeling Professional with Oracle Analytics Cloud

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	17+ hours	BI, data and business analysts; BI developers, implementers, consultants, administrators and business users.	Basic analytics and dashboarding experience; familiarity with data preparation and relational data; understanding of joins, dimensions, measures and semantic modelling; prior Oracle Analytics Cloud exposure helpful.

* One free professional exam attempt in total across Techbridge.

What it is. Covers analytics development, visualisation, data preparation, semantic modelling and enterprise data modelling in Oracle Analytics Cloud.

Key outcomes

- Build dashboards and visualisations.
- Prepare data and design semantic models.
- Apply governance, security and performance optimisation.

Why it matters. Learn to turn data into trusted models, dashboards and insights that support confident business decisions.

Governed Analytics Professional with Oracle Analytics Cloud

Credential	Duration	Audience	Recommended prior knowledge
Oracle Professional certification*	21+ hours	Analytics, business intelligence, reporting and data analysts; BI developers.	Basic Oracle Analytics Cloud authoring experience; familiarity with dashboards, reporting and data modelling; awareness of security roles, data access and analytics-content management recommended.

* One free professional exam attempt in total across Techbridge.

What it is. A hands-on route to analyses, dashboards, pixel-perfect reporting, data modelling and analytics-content management.

Key outcomes

- Build analyses, dashboards and reports.
- Prepare and model data for reporting and visualisation.
- Manage, troubleshoot and optimise analytics content.

Why it matters. Build the reporting, dashboarding and governance skills needed to deliver accurate, reusable and business-ready analytics.

Stay on track

CHECK BEFORE YOU CERTIFY Content is updated with product releases. Before beginning an assessment or scheduling an exam, confirm the current learning-path details, certification exam title and availability in MyLearn.

Use the Techbridge Oracle learning portal as your starting point:

<https://mylearn.oracle.com/ou/landing-page/techbridge>

Techbridge is available until May 2027. Make a plan, complete your preparation, and protect the professional certification attempt for the professional exam you are best prepared to take.

SHARE YOUR TECHBRIDGE SUCCESS STORY

Earned an Oracle certification? We would love to hear how Techbridge has supported your learning, career goals or professional development. Your experience may help inspire future learners and could be featured as a Techbridge learner testimonial.

Share your story with the Techbridge team at: techbridge@businessandtrade.gov.uk

By submitting your story, you will be contacted before any testimonial is published or shared.