

Oracle Cloud Infrastructure AI Foundations LVC Training

COURSE CONTENT

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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Oracle Cloud Infrastructure (OCI) AI Foundations Live Virtual Classroom (LVC) training by Multisoft Systems is designed to equip professionals with essential knowledge and hands-on skills in Oracle's advanced AI services. This comprehensive program introduces learners to key AI concepts, machine learning, and Oracle Cloud's robust AI ecosystem.

Module 1: Introduction to Oracle Cloud Infrastructure and AI Services

- ✓ Overview of Oracle Cloud Infrastructure (OCI)
- ✓ Introduction to Oracle AI Services
- ✓ Key concepts of AI, Machine Learning (ML), and Deep Learning (DL)
- ✓ Oracle AI ecosystem and use cases
- ✓ Navigating the OCI Console

Module 2: OCI Core Services for AI Workloads

- ✓ Compute Services for AI
 - Compute shapes optimized for AI/ML
 - GPUs in OCI
- ✓ Storage Services for AI
 - Object Storage
 - Data Management for AI (OCI Data Science, Autonomous DB)
- ✓ Networking Essentials for AI Applications
 - VCN, Load Balancers, FastConnect

Module 3: Oracle AI Services - Overview and Capabilities

- ✓ OCI AI Vision
 - Image classification
 - Object detection
 - Document analysis

- ✓ OCI AI Language
 - Text classification
 - Entity extraction
 - Sentiment analysis
- ✓ OCI AI Speech
 - Speech-to-text
- ✓ OCI AI Anomaly Detection
 - Identifying anomalies in time-series data
- ✓ OCI AI Forecasting
 - Demand forecasting

Module 4: Oracle Data Science Service

- ✓ Introduction to OCI Data Science
- ✓ Creating and managing notebooks
- ✓ Using pre-built models
- ✓ Model lifecycle management
- ✓ Integration with other OCI services

Module 5: Building AI Solutions in OCI

- ✓ AI Service API usage
- ✓ SDKs and CLI integration
- ✓ Using AI services with Oracle Functions (Serverless)
- ✓ Real-world AI solution architecture
- ✓ Monitoring and logging AI workloads

Module 6: AI Governance and Responsible AI

- ✓ Data privacy and compliance
- ✓ Model explainability
- ✓ Bias detection and mitigation
- ✓ Oracle's approach to Responsible AI

Module 7: Hands-on Labs and Project Work

- ✓ Setting up an AI environment in OCI
- ✓ Building an end-to-end AI solution
- ✓ Deploying and testing models
- ✓ AI Services integration with enterprise apps

Module 8: Best Practices, Performance Optimization, and Next Steps

- ✓ Best practices for AI/ML on OCI
- ✓ Cost management for AI workloads
- ✓ Performance tuning
- ✓ Keeping up with OCI AI roadmap
- ✓ Certification paths and further learning