Oracle AI Data Platform in Practice

Unify Enterprise Data for AI

Innovate with AI at Scale

Accelerate AI Development

Day 1

Introduction
What is the Oracle AI Data Platform?
Key Features and Common Use Cases

Getting Started with AI Data Platform
Provisioning AI Data Platform
Introduction to Workspaces
Compute Clusters

Data Management & Cataloguing
Master Catalog vs External Catalog
Data Sharing using open-source Delta Share
Auto Populate Metadata Management

Developing & Data Engineering
Develop Code in Notebooks: Python / SQL
Working with Compute Clusters & Libraries
Scheduling / Orchestrating Jobs

Day 2

AI Foundations
Foundational Concepts
Use Cases in Business
Overview of Oracle Generative AI Services
Large Language Model (LLM) Introduction

Using Geneartive AI in AI Data Platform
Connecting to OCI Generative AI Services
Designing System Context
Prompt Engineering Best Practices

Day 3

Enhancing LLMs with RAG
Overview of Retrieval Augmented
Generation (RAG)
Simple RAG pipeline with vector search
Grounding and Relevance Tips in RAG

Governance and AI Ethics
Introduction to Responsible AI
Limitations of LLMs
Considerations for Production Use

Lab Session

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