

SAP AI Core & AI Launchpad

COURSE CONTENT

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About Multisoft

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About Course

SAP AI Core & AI Launchpad Training is designed to help professionals understand how to build, deploy, manage, and monitor artificial intelligence solutions using SAP Business Technology Platform. The course covers AI model orchestration, lifecycle management, resource management, deployment pipelines, monitoring, automation, and AI operations, enabling organisations to develop scalable, enterprise-ready AI solutions.

Module 1: Introduction to SAP AI Core & AI Launchpad

- ✓ Overview of SAP Business AI
- ✓ Introduction to SAP AI Core
- ✓ Introduction to SAP AI Launchpad
- ✓ SAP BTP AI Architecture
- ✓ Enterprise AI Concepts
- ✓ Business Use Cases

Module 2: SAP AI Core Architecture

- ✓ AI Core Components
- ✓ Execution Environment
- ✓ Resource Groups
- ✓ Kubernetes Fundamentals
- ✓ AI Runtime Architecture
- ✓ Project Structure

Module 3: SAP AI Launchpad Fundamentals

- ✓ AI Launchpad Interface
- ✓ AI Scenario Management
- ✓ Resource Management
- ✓ AI Assets
- ✓ Workspace Navigation

- ✓ Administration Overview

Module 4: AI Model Development and Packaging

- ✓ Machine Learning Model Preparation
- ✓ Containerization Concepts
- ✓ Docker Images
- ✓ AI Artifacts
- ✓ Model Packaging
- ✓ Deployment Readiness

Module 5: AI Workflows and Pipelines

- ✓ Workflow Concepts
- ✓ Pipeline Design
- ✓ Training Pipelines
- ✓ Inference Pipelines
- ✓ Workflow Automation
- ✓ Pipeline Monitoring

Module 6: AI Model Deployment

- ✓ Deployment Configurations
- ✓ Serving AI Models
- ✓ Online and Batch Inference

- ✓ Deployment Lifecycle
- ✓ Scaling Deployments
- ✓ Deployment Best Practices

Module 7: Resource Management and Scheduling

- ✓ Resource Allocation
- ✓ Compute Management
- ✓ Scheduling AI Workloads
- ✓ Job Execution
- ✓ Resource Optimization
- ✓ Operational Efficiency

Module 8: Monitoring and Experiment Management

- ✓ Experiment Tracking
- ✓ Model Monitoring
- ✓ Execution Logs
- ✓ Performance Metrics
- ✓ Troubleshooting
- ✓ Monitoring Dashboards

Module 9: Security and Governance

- ✓ Authentication and Authorization

- ✓ User Roles
- ✓ Access Control
- ✓ AI Governance
- ✓ Compliance Considerations
- ✓ Secure AI Operations

Module 10: Integration with SAP BTP and SAP Applications

- ✓ SAP BTP Services Integration
- ✓ SAP AI Services
- ✓ SAP S/4HANA Integration
- ✓ SAP Datasphere Integration
- ✓ API Integration
- ✓ External AI Framework Integration

Module 11: Administration and Operations

- ✓ AI Core Administration
- ✓ AI Launchpad Administration
- ✓ Project Management
- ✓ Version Management
- ✓ Backup and Maintenance
- ✓ Operational Support

Module 12: Performance Optimization and Best Practices

- ✓ AI Workflow Optimization
- ✓ Resource Optimization
- ✓ Deployment Optimization
- ✓ Performance Tuning
- ✓ Scalability Strategies
- ✓ Operational Best Practices

Module 13: Real-World Enterprise AI Use Cases

- ✓ Intelligent Business Process Automation
- ✓ Predictive Analytics Use Cases
- ✓ AI-Driven Decision Support
- ✓ Enterprise AI Deployment Scenarios
- ✓ End-to-End AI Lifecycle Management
- ✓ Industry Implementation Case Studies