

Palantir AIP Training

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multosoftsystems.com



www.multosoftsystems.com

About Multisoft

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About Course

Palantir AIP Training provides professionals with the expertise required to develop and deploy enterprise AI applications using Palantir's Artificial Intelligence Platform. The course covers platform architecture, Ontology, AI agent development, LLM integration, prompt engineering, workflow automation, governance, security, and deployment strategies. Through practical implementation and enterprise-focused use cases, participants gain the skills to build intelligent, secure, and scalable AI solutions.

Module 1: Introduction to Palantir AIP

- ✓ Enterprise AI Fundamentals
- ✓ Palantir AIP Overview
- ✓ Platform Architecture
- ✓ Core Components
- ✓ Business Applications
- ✓ Industry Use Cases

Module 2: Palantir Ontology

- ✓ Ontology Fundamentals
- ✓ Business Objects
- ✓ Relationships
- ✓ Operational Models
- ✓ Data Context
- ✓ Ontology Best Practices

Module 3: Enterprise Data Integration

- ✓ Data Sources
- ✓ Data Connectivity
- ✓ Data Pipelines
- ✓ Structured and Unstructured Data
- ✓ Data Preparation
- ✓ Enterprise Integration

Module 4: Large Language Models (LLMs)

- ✓ LLM Fundamentals
- ✓ Model Selection
- ✓ Prompt Execution
- ✓ Context Management
- ✓ Token Handling
- ✓ Enterprise AI Applications

Module 5: Prompt Engineering

- ✓ Prompt Design
- ✓ Prompt Optimization
- ✓ Context Engineering
- ✓ Prompt Templates
- ✓ Response Evaluation
- ✓ Best Practices

Module 6: AI Agents and Workflow Automation

- ✓ AI Agent Fundamentals
- ✓ Agent Configuration
- ✓ Multi-Agent Workflows
- ✓ Business Process Automation
- ✓ Human-in-the-Loop
- ✓ Enterprise Automation Scenarios
- ✓ Agent Orchestration

- ✓ Workflow Optimization

Module 7: Retrieval-Augmented Generation (RAG)

- ✓ RAG Architecture
- ✓ Knowledge Retrieval
- ✓ Vector Search Concepts
- ✓ Context Injection
- ✓ Document Grounding
- ✓ Enterprise Knowledge Systems

Module 8: AI Governance and Security

- ✓ Responsible AI
- ✓ Access Control
- ✓ Data Security
- ✓ AI Governance
- ✓ Compliance Requirements
- ✓ Risk Management
- ✓ Auditability

Module 9: Decision Intelligence

- ✓ AI-Assisted Decision Making
- ✓ Operational Intelligence
- ✓ Scenario Analysis
- ✓ Recommendation Systems

- ✓ Business Insights
- ✓ Decision Workflows

Module 10: AI Monitoring and Performance

- ✓ Model Monitoring
- ✓ AI Performance Metrics
- ✓ Response Quality
- ✓ Cost Optimization
- ✓ Feedback Loops
- ✓ Continuous Improvement

Module 11: Enterprise Integration

- ✓ API Integration
- ✓ Enterprise Applications
- ✓ Cloud Integration
- ✓ Workflow Connectivity
- ✓ Third-Party Services
- ✓ Enterprise Architecture

Module 12: Deployment and Operations

- ✓ Deployment Strategies
- ✓ Environment Management
- ✓ Version Control
- ✓ Scaling AI Applications

- ✓ Production Operations
- ✓ Operational Best Practices

Module 13: Industry Use Cases

- ✓ Manufacturing
- ✓ Healthcare
- ✓ Financial Services
- ✓ Supply Chain
- ✓ Defense
- ✓ Energy and Utilities
- ✓ Digital Transformation Case Studies

Module 14: Enterprise AI Capstone Project

- ✓ End-to-End AI Solution Design
- ✓ Ontology Development
- ✓ AI Agent Implementation
- ✓ LLM Integration
- ✓ Workflow Automation
- ✓ Governance Validation
- ✓ Enterprise Deployment
- ✓ Final Project