

# Celonis Process Mining Training

*COURSE CONTENT*

## GET IN TOUCH



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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

Celonis Process Mining Training by Multisoft Systems is designed to help professionals understand, analyze, and optimize business processes using advanced process intelligence and data-driven insights. This training provides in-depth knowledge of process mining concepts, event logs, workflow visualization, KPI monitoring, process conformance, and operational analytics through practical industry-oriented scenarios.

## Module 1: Introduction to Process Mining

- ✓ Fundamentals of Process Mining
- ✓ Business Process Management Concepts
- ✓ Process Intelligence Overview
- ✓ Importance of Data-Driven Process Optimization
- ✓ Introduction to Celonis
- ✓ Process Mining vs Traditional Analytics
- ✓ Industry Use Cases and Applications

## Module 2: Celonis Platform Overview

- ✓ Celonis Architecture and Components
- ✓ EMS (Execution Management System) Overview
- ✓ Studio and Workspace Navigation
- ✓ Data Models and Event Logs
- ✓ Celonis Applications and Capabilities
- ✓ Understanding Process Data Structures

## Module 3: Data Integration and Data Extraction

- ✓ Connecting ERP and Enterprise Systems
- ✓ SAP Data Integration Concepts
- ✓ Integrating CRM, Databases, and CSV Files
- ✓ Event Log Creation and Management
- ✓ Data Loading and Transformation
- ✓ Data Quality and Validation Techniques

## Module 4: Process Discovery and Visualization

- ✓ Creating Process Maps
- ✓ Workflow Visualization Techniques
- ✓ Understanding Variants and Paths

- ✓ Identifying Bottlenecks and Deviations
- ✓ Process Explorer and Analysis Tools
- ✓ End-to-End Process Visibility

## **Module 5: KPI and Performance Analysis**

- ✓ Defining KPIs in Celonis
- ✓ Performance Metrics and SLA Monitoring
- ✓ Throughput Time Analysis
- ✓ Lead Time and Cycle Time Measurement
- ✓ Process Efficiency Monitoring
- ✓ Operational Performance Dashboards

## **Module 6: Conformance Checking and Compliance**

- ✓ Process Conformance Concepts
- ✓ Comparing Actual vs Expected Processes
- ✓ Detecting Deviations and Violations
- ✓ Compliance Monitoring Techniques
- ✓ Root Cause Analysis
- ✓ Risk Identification and Mitigation

## **Module 7: Dashboard Creation and Reporting**

- ✓ Creating Interactive Dashboards
- ✓ Data Visualization Best Practices
- ✓ Charts, Graphs, and KPI Widgets
- ✓ Filters and Drill-Down Analysis
- ✓ Custom Reports and Analytics
- ✓ Executive Reporting Techniques

## Module 8: Celonis Process Query Language (PQL)

- ✓ Introduction to PQL
- ✓ PQL Syntax and Functions
- ✓ Aggregation and Filtering Methods
- ✓ KPI Calculations Using PQL
- ✓ Advanced Query Techniques
- ✓ Data Analysis with PQL Expressions

## Module 9: Action Flows and Automation

- ✓ Introduction to Action Flows
- ✓ Workflow Automation Concepts
- ✓ Trigger-Based Actions
- ✓ Notifications and Alerts
- ✓ Automation Scenarios in Business Processes
- ✓ Integration with Automation Platforms

## Module 10: Process Optimization Strategies

- ✓ Continuous Process Improvement
- ✓ Operational Excellence Techniques
- ✓ Process Standardization Methods
- ✓ Identifying Automation Opportunities
- ✓ Process Benchmarking
- ✓ Improving Customer and Business Outcomes

## Module 11: Real-Time Industry Use Cases

- ✓ Finance and Accounts Payable Analysis
- ✓ Order-to-Cash Process Optimization
- ✓ Procurement and Supply Chain Monitoring
- ✓ IT Service Management Use Cases

- ✓ Manufacturing and Operations Analytics
- ✓ HR and Employee Process Analysis

## **Module 12: Capstone Project and Best Practices**

- ✓ Real-Time Project Implementation
- ✓ End-to-End Process Analysis
- ✓ Dashboard and KPI Development
- ✓ Process Optimization Recommendations
- ✓ Best Practices for Celonis Deployment