Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

ENTERPRISE RESOURCE PLANNING (ERP)

SAP S/4HANA Asset Management Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

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SAP S/4HANA Asset Management Training Course

Enterprise Resource Planning (ERP) • 5 Days Intensive • Accredited Certification

Course Overview

SAP S/4HANA Asset Management Training Course is meticulously designed to empower professionals with advanced skills in enterprise asset management, predictive maintenance, and digital transformation strategies.

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
29 Dec 2025 – 2 Jan 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
29 Dec 2025 – 2 Jan 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 90,000**
29 Dec 2025 – 2 Jan 2026	Accra	Classroom / 5d	**$4,000 USD / KES 90,000**
5 Jan 2026 – 9 Jan 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
5 Jan 2026 – 9 Jan 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 90,000**
5 Jan 2026 – 9 Jan 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 90,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

SAP S/4HANA Asset Management Training Course

Introduction

SAP S/4HANA Asset Management Training Course is meticulously designed to empower professionals with advanced skills in enterprise asset management, predictive maintenance, and digital transformation strategies. This comprehensive course leverages cutting-edge SAP S/4HANA functionalities, integrating real-time analytics, IoT-driven asset monitoring, and intelligent asset lifecycle management. Participants will gain hands-on expertise in optimizing asset performance, minimizing downtime, and enhancing operational efficiency through AI-powered maintenance, cloud integration, and industry best practices.

Through this program, learners will master critical components of SAP S/4HANA Asset Management, including equipment management, preventive and predictive maintenance, and strategic asset planning. The curriculum emphasizes practical application, case-based learning, and scenario-driven exercises to ensure immediate workplace relevance. Professionals from diverse sectors such as manufacturing, utilities, oil & gas, and transportation will acquire actionable insights, compliance management techniques, and advanced reporting skills to drive data-backed decision-making and operational excellence.

Course Duration

5 days

Course Objectives

- Understand SAP S/4HANA Asset Management architecture and ecosystem.
- Implement preventive, predictive, and corrective maintenance strategies.

- Leverage IoT integration for real-time asset monitoring and alerts.
- Optimize asset lifecycle management for cost efficiency and reliability.
- Master equipment and technical object management.
- Apply AI and ML analytics for predictive maintenance and asset performance.
- Conduct root cause analysis and failure mode effects analysis (FMEA).
- Integrate asset management with Finance (FI) and Controlling (CO) modules.
- Manage spare parts, procurement, and inventory efficiently.
- Develop KPIs, dashboards, and advanced reporting for asset performance.
- Ensure compliance with industry regulations and sustainability standards.
- Execute end-to-end asset project planning and execution.
- Solve real-world asset management challenges through case study simulations.

Target Audience

- Asset Managers and Maintenance Engineers
- SAP Functional Consultants
- Operations and Production Managers
- Plant and Facility Managers
- IT and SAP System Administrators
- Reliability and Maintenance Analysts
- Project Managers in Manufacturing and Utilities
- Supply Chain and Procurement Professionals

Course Modules

Module 1: Introduction to SAP S/4HANA Asset Management

- Overview of SAP S/4HANA capabilities for asset-intensive industries
- Asset lifecycle management concepts
- Integration with enterprise systems (Finance, Procurement, Operations)
- Key features of Intelligent Asset Management
- Case Study: Asset management transformation in a manufacturing plant

Module 2: Equipment and Technical Object Management

- Creating and managing equipment master data
- Functional location hierarchy setup
- Technical object categorization and classification
- Tracking asset history and changes
- Case Study: Equipment master optimization in utilities

Module 3: Maintenance Planning and Scheduling

- Preventive, predictive, and corrective maintenance planning
- Maintenance task lists and work orders
- Resource and labor allocation
- Calendar and scheduling optimization
- Case Study: Reducing downtime in oil & gas operations

Module 4: Predictive Maintenance and IoT Integration

- Sensor data acquisition and condition monitoring
- IoT device connectivity with SAP S/4HANA
- Predictive analytics for asset failure detection
- Alerts and automated maintenance triggers
- Case Study: Predictive maintenance in manufacturing plants

Module 5: Asset Procurement and Inventory Management

- Managing spare parts and inventory levels
- Integration with SAP MM and procurement processes

- Cost tracking and reporting
- Supplier and vendor management
- Case Study: Inventory optimization in transportation sector

Module 6: Performance Monitoring and Analytics

- Key performance indicators (KPIs) for asset management
- Custom dashboards and SAP Fiori apps
- Reporting for compliance and efficiency
- Advanced analytics using SAP Analytics Cloud
- Case Study: Performance monitoring in energy sector

Module 7: Compliance and Risk Management

- Regulatory compliance tracking
- Safety standards and auditing
- Risk assessment and mitigation planning
- Incident reporting and corrective actions
- Case Study: Compliance implementation in chemical industry

Module 8: Project Execution and Best Practices

- End-to-end asset project management
- Best practices for asset optimization
- Lessons learned from industry case studies
- Change management and adoption strategies
- Case Study: Digital transformation of asset operations

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/sap-s-4hana-asset-management-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.